

# UNIVERSITY OF UTAH COLLEGE OF NURSING RENOVATION

**CIVIL ENGINEERING:**

**PROJECT ENGINEERING CONSULTANTS**

8819 South Redwood Road, Unit C  
West Jordan, UT 84088  
P: 801.495.4240  
F: 801.495.4244

**STRUCTURAL ENGINEERING:**

**REAVELEY ENGINEERS**

675 East 500 South  
Salt Lake City, UT 84102  
P: 801.505.4014  
F: 801.485.0911

**MECHANICAL ENGINEERING:**

**VAN BOERUM & FRANK**

330 South 300 East  
Salt Lake City, UT 84111  
P: 801.530.3148  
F: 801.530.3150

**ELECTRICAL ENGINEERING:**

**SPECTRUM ENGINEERS**

175 East 400 South, 10th Floor  
Salt Lake City, UT 84111  
P: 801.328.5151  
F: 801.328.5155

## BID PACKAGE 1 - DEMOLITION

October 29, 2008

### GSBS Architects

375 West 200 South  
Salt Lake City, Utah 84101  
(801) 521-8600

CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK DESCRIBED  
IN "BID PACKAGE 1 - DEMOLITION" DOCUMENTS WITH WITH HAZARDOUS  
MATERIALS REPORT ISSUED BY IHI. ANY CONFLICTS SHALL BE  
IMMEDIATELY REPORTED, IN WRITING, TO ARCHITECT AND OWNER.

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RENOVATION

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SALT LAKE CITY, UT 84112

**DFCM**

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Salt Lake City, Utah 84114

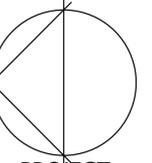
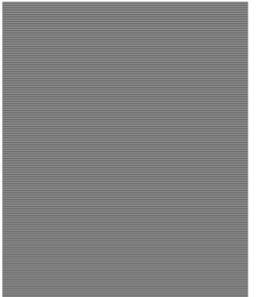
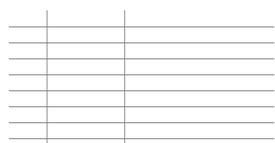
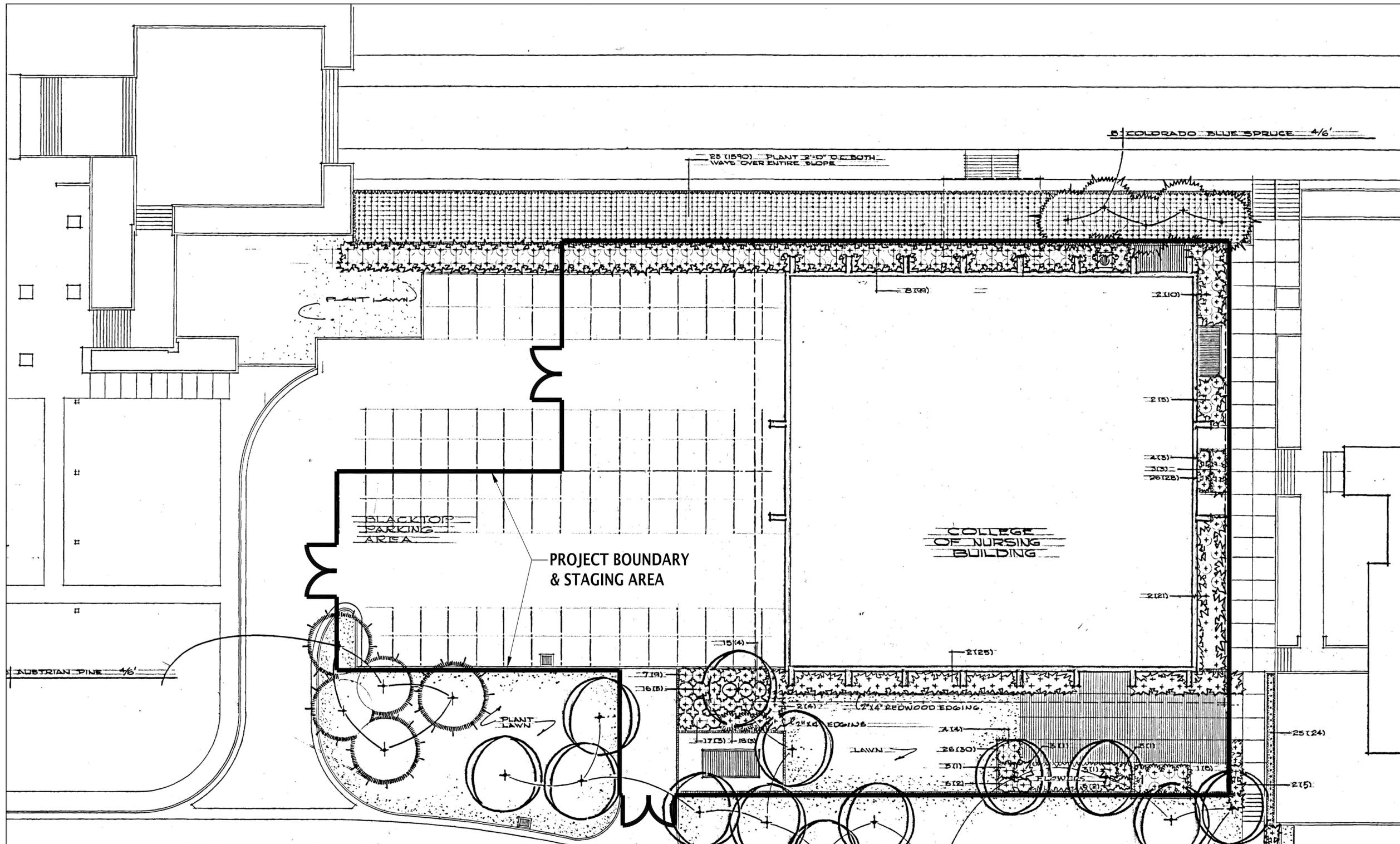
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DFCM PROJECT NO.: 07260750  
GSBS PROJECT NO.: 2008.071  
ISSUED DATE: 10.29.08

**COVER SHEET**

GSBS PROJECT NO:  
ISSUED DATE:

**G000**





PROJECT  
NORTH

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Site Plan 1  
SCALE: N.T.S. G002



TYPICAL WORK AT ELEVATOR

- REMOVE CEILINGS ELEMENTS PER KEY NOTE **D3**
- SALVAGE SMOKE CURTAINS PER GENERAL DEMOLITION NOTES
- REMOVE FURRED WALLS @ ELEVATOR PER KEY NOTE **D1**
- ELEVATORS AND CONTROLS TO REMAIN. PROTECT FROM DAMAGE
- REMOVE FLOORING PER KEY NOTE **D2**



TYPICAL WORK AT STAIR 100

- REMOVE CEILINGS ELEMENTS PER KEY NOTE **D3**
- REMOVE GYP. BD. ON CORRIDOR SIDE ONLY. PROTECT STUDS AND INTERIOR WALL FROM DAMAGE.
- REMOVE FLOORING PER KEY NOTE **D2**



TYPICAL WORK AT COLUMN

- REMOVE CEILINGS ELEMENTS PER KEY NOTE **D3**
- BRICK @ COLUMNS TO REMAIN, PROTECT FROM DAMAGE. SEE KEY NOTE **D1**
- REMOVE WALLS PER KEY NOTE **D1 D5**
- REMOVE FLOORING PER KEY NOTE **D2**



TYPICAL WORK AT WINDOW

- SALVAGE WINDOW COVERINGS PER GENERAL DEMOLITION NOTES, TYP.
- REMOVE FURRED WALL AND ANY M.E.P. ELEMENTS PER KEYNOTE **D1**
- ALL WINDOWS TO REMAIN, PROTECT FROM DAMAGE, TYP.
- REMOVE INTERIOR WINDOW CASING IF REQUIRED TO FACILITATE REMOVAL OF WALL, TYP.

**GENERAL DEMOLITION NOTES:**

(NOTES APPLY TO ALL DRAWINGS)

**GENERAL:**

- SCOPE OF THIS DEMOLITION PACKAGE IS LIMITED TO NON-STRUCTURAL BUILDING ELEMENTS.
- CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH EXISTING CONDITIONS AND VERIFYING THESE CONDITIONS PRIOR TO BIDDING THIS PROJECT. IF ANY DISCREPANCIES BETWEEN THE EXISTING PHYSICAL CONDITIONS ON SITE AND THE CONDITIONS DESCRIBED IN THE DRAWINGS ARE FOUND, CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT (IN WRITING).
- CONTRACTOR IS RESPONSIBLE FOR SECURING THE PROJECT SITE AND BUILDING AT ALL TIMES. CONTRACTOR SHALL PROVIDE TEMPORARY BARRIERS AS NEEDED TO PROTECT AREAS OF NO DEMO WORK AND SELECTIVE DEMO FROM DAMAGE AND DEBRIS. ALL AREAS OF THE CONSTRUCTION SITE SHALL BE MADE SAFE AT THE END OF THE WORK DAY.

**COORDINATION:**

- CONTRACTOR SHALL COORDINATE WITH HAZARDOUS MATERIALS REPORT ISSUED BY IHI. CONTRACTOR TO CONFIRM EXISTENCE OF ELECTRICAL ITEMS CONTAINING HAZARDOUS MATERIAL, INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, BALLASTS, LIGHT BULBS AND REFRIGERANT UNITS WITH HAZARDOUS MATERIALS REPORT AND HAZARDOUS MATERIALS CONSULTANT. CONTRACTOR MAY OBTAIN COPY OF REPORT FROM THE OWNER.
- CONTRACTOR SHALL COORDINATE WITH UNIVERSITY OF UTAH ENVIRONMENTAL HEALTH AND SAFETY (EHS) DEPARTMENT REGARDING HAZARDOUS MATERIALS.
- CONTRACTOR SHALL COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING, TELECOM AND STRUCTURAL DEMOLITION DRAWINGS. ANY AREAS OF CONFLICT BETWEEN ELEMENTS TO BE REMOVED AND ELEMENTS TO REMAIN SHALL BE IMMEDIATELY BROUGHT TO THE ARCHITECTS ATTENTION IN WRITING.
- CONTRACTOR SHALL COORDINATE STOCKPILE, STORAGE NEEDS AND TEMPORARY FACILITIES WITH ARCHITECT AND OWNER. STORE MATERIALS OUT OF REACH OF GENERAL PUBLIC. CONTRACTOR IS FULLY RESPONSIBLE FOR SECURING STORED MATERIALS FROM THEFT AND VANDALISM.
- CONTRACTOR SHALL COORDINATE ANY UTILITY SHUT DOWNS THAT MAY DISRUPT SERVICE TO OTHER BUILDINGS WITH OWNER PRIOR TO SHUTDOWN.

**ITEMS TO BE DEMOLISHED:**

- INVESTIGATIVE DEMOLITION IS TOP PRIORITY, PERFORM THIS WORK PRIOR TO OTHER DEMOLITION WORK. CONTRACTOR TO NOTIFY ARCHITECT PRIOR TO INVESTIGATIVE DEMOLITION WORK SO THAT OWNER, ARCHITECT AND STRUCTURAL ENGINEERS MAY OBSERVE INVESTIGATIVE DEMOLITION WORK.
- ALL ELEMENTS SHOWN WITH DASHED LINE ARE ELEMENTS TO DEMOLISHED UNLESS NOTED OTHERWISE.
- ALL DEMOLITION WORK NEXT TO ITEMS TO REMAIN OR ITEMS TO BE SALVAGED SHALL BE CAREFULLY CONDUCTED TO PROTECT SUCH ITEMS FROM DAMAGE.

**ITEMS TO REMAIN:**

- ALL ELEMENTS SHOWN WITH SOLID LINE ARE ELEMENTS TO REMAIN UNLESS NOTED OTHERWISE.
- ALL BRICK COLUMNS, BRICKWORK, WINDOWS, STAIRS, RAILING, ELEVATORS, ELEVATOR CONTROLS, SPRINKLER RISERS, SPRINKLER MAIN RUNS AND STRUCTURAL BUILDING ELEMENTS ON ALL LEVELS ARE TO REMAIN UNLESS NOTED OTHERWISE.
- MATERIALS TO REMAIN ARE TO BE PROTECTED FROM DAMAGE DURING DEMOLITION WORK. IF ANY ITEMS ARE DAMAGED, ARCHITECT SHALL BE IMMEDIATELY INFORMED IN WRITING.

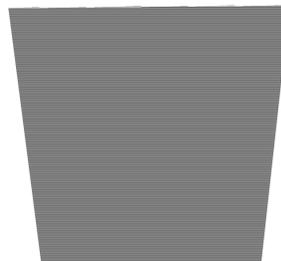
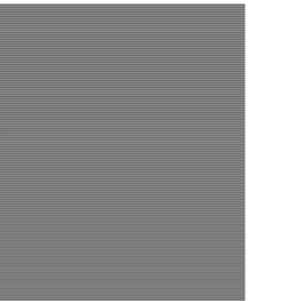
**ITEMS TO BE SALVAGED:**

- THE FOLLOWING ITEMS ARE TO BE SALVAGED BY THE CONTRACTOR FOR REUSE ON ALL LEVELS UNLESS OTHERWISE NOTED. TAKE CARE NOT TO DAMAGE ITEMS DURING REMOVAL OR DEMOLITION PROCESS. CONTRACTOR SHALL COORDINATE REMOVAL WITH ARCHITECT AND ENGINEERS. COORDINATE STORAGE WITH OWNER AND ARCHITECT.
1. LIGHT FIXTURES WHERE INDICATED
  2. NON-HAZARDOUS DOORS
  3. CHALKBOARDS, TACK BOARDS AND MARKER BOARDS
  4. CARPET TILE ON LEVEL 5 (WHOLE TILES ONLY)
  5. WOOD BASEBOARD ON LEVEL 5
  6. SECURITY EQUIPMENT
  7. FIRE ALARM EQUIPMENT
  8. SMOKE CURTAINS
  9. DRINKING FOUNTAINS
  10. ACT WHERE INDICATED

**GENERAL DEMOLITION KEYNOTES:**



- D1** WALLS & COLUMNS:
  - ALL BRICK COLUMNS TO REMAIN, PROTECT FROM DAMAGE DURING DEMOLITION.
  - ALL INTERIOR STUD WALLS, STOREFRONT AND ASSOCIATED WIRING SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. CLEAN EXPOSED SURFACES, PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW FINISHES.
  - ALL FURRED WALLS AND ASSOCIATED WIRING SHALL BE REMOVED DOWN TO BARE CONCRETE OR MASONRY IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. AT EXTERIOR WALLS, REMOVE WINDOW CASING AS NEEDED TO FACILITATE WITH REMOVAL OF FURRED WALLS. CLEAN EXPOSED SURFACES, PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW FURRED WALLS.
  - ALL EXISTING EXPOSED CONCRETE AND MASONRY WALLS TO BE CLEANED AS REQUIRED TO RECEIVE NEW WALL FINISH.
  - ALL COLUMN WRAPS SHALL BE REMOVED DOWN TO BARE CONCRETE OR MASONRY IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. CLEAN SURFACES, PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW FINISH.
- D2** FLOORS:
  - ALL FLOOR FINISHES INCLUDING BUT NOT LIMITED TO VCT, CARPET, CORK AND QUARRY TILE SHALL BE REMOVED DOWN TO BARE CONCRETE IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. CLEAN SURFACES, PATCH AND REPAIR SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISH.
  - ALL EXISTING EXPOSED CONC FLOORS SHALL BE CLEANED, PATCHED AND REPAIRED AS REQUIRED TO RECEIVE NEW FLOOR FINISH.
- D3** CEILINGS:
  - ALL CEILING ELEMENTS INCLUDING BUT NOT LIMITED TO GYP. BD. CEILING, ACT CEILING & GRID, LIGHT FIXTURES, DIFFUSERS, SOFFITS, LIGHT COVES, CABLE TRAYS AND HANGING TRACK SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. CLEAN SURFACES, PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW CEILING.
  - ALL EXISTING EXPOSED CONC. CEILINGS SHALL BE CLEANED, PATCHED AND REPAIRED AS REQUIRED TO RECEIVE NEW CEILING FINISH.
- D4** TOILET ROOMS:
  - TOILET ROOMS SHALL BE COMPLETELY DEMOLISHED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. SALVAGE TOILET ROOM ITEMS NOTED IN "ITEMS TO BE SAVAGED" LIST. COORDINATE THE TERMINATION OF PLUMBING LINES WITH MEP DRAWINGS.
- D5** DOORS / CASEWORK / MISC ITEMS:
  - ALL DOORS & FRAMES, OPERABLE PARTITIONS, SIDELIGHTS AND ASSOCIATED GLAZING SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. SALVAGE FOR REUSE ALL NON-HAZARDOUS DOORS, OPERABLE PARTITIONS AND DOOR HARDWARE. COORDINATE REMOVAL OF LOCKSET CORES WITH OWNER PRIOR TO REMOVAL OF DOORS.
  - ALL DOORS TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING DEMOLITION.
  - ALL CASEWORK SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE.
  - ALL WALL BASE, CORNER GUARD, WOOD PANELING, CHAIR RAIL SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE.
- D6** MEP ITEMS:
  - ALL SPRINKLER PIPING INSTALLED BELOW CEILING SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. COORDINATE TERMINATION OF LINES WITH MEP DRAWINGS.
  - ALL POWER AND DATA RACEWAYS SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE.
  - ALL FIN TUBE ENCLOSURE AND PIPING SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. COORDINATE TERMINATION OF PIPING WITH MEP DEMOLITION DRAWINGS.

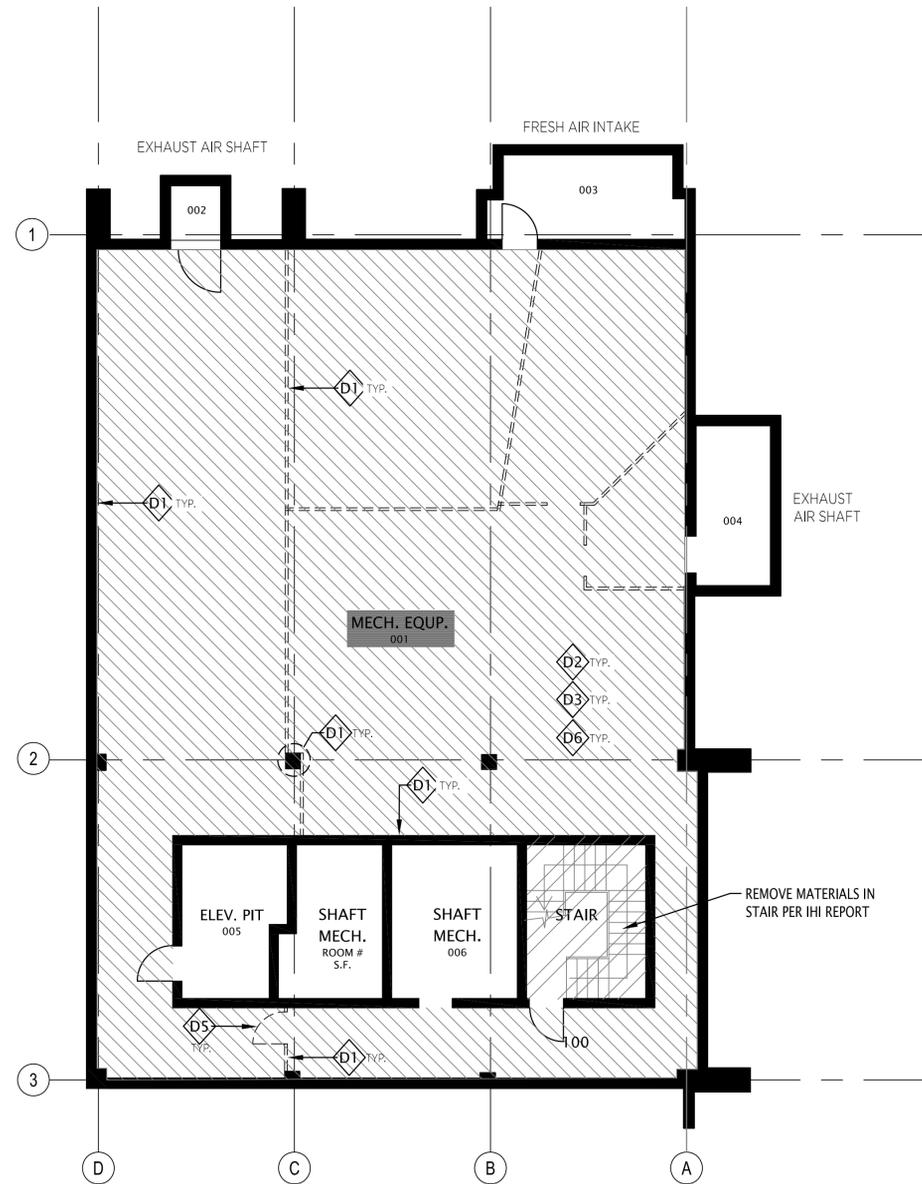
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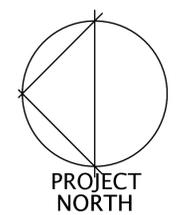
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**GENERAL NOTES**



**Sub Basement Demolition Plan** 1  
SCALE: 1/8" = 1'-0" AD0000A


- LEGEND:**
- WALLS AND COLUMNS TO REMAIN
  - SELECTIVE DEMO
  - GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)
  - ##



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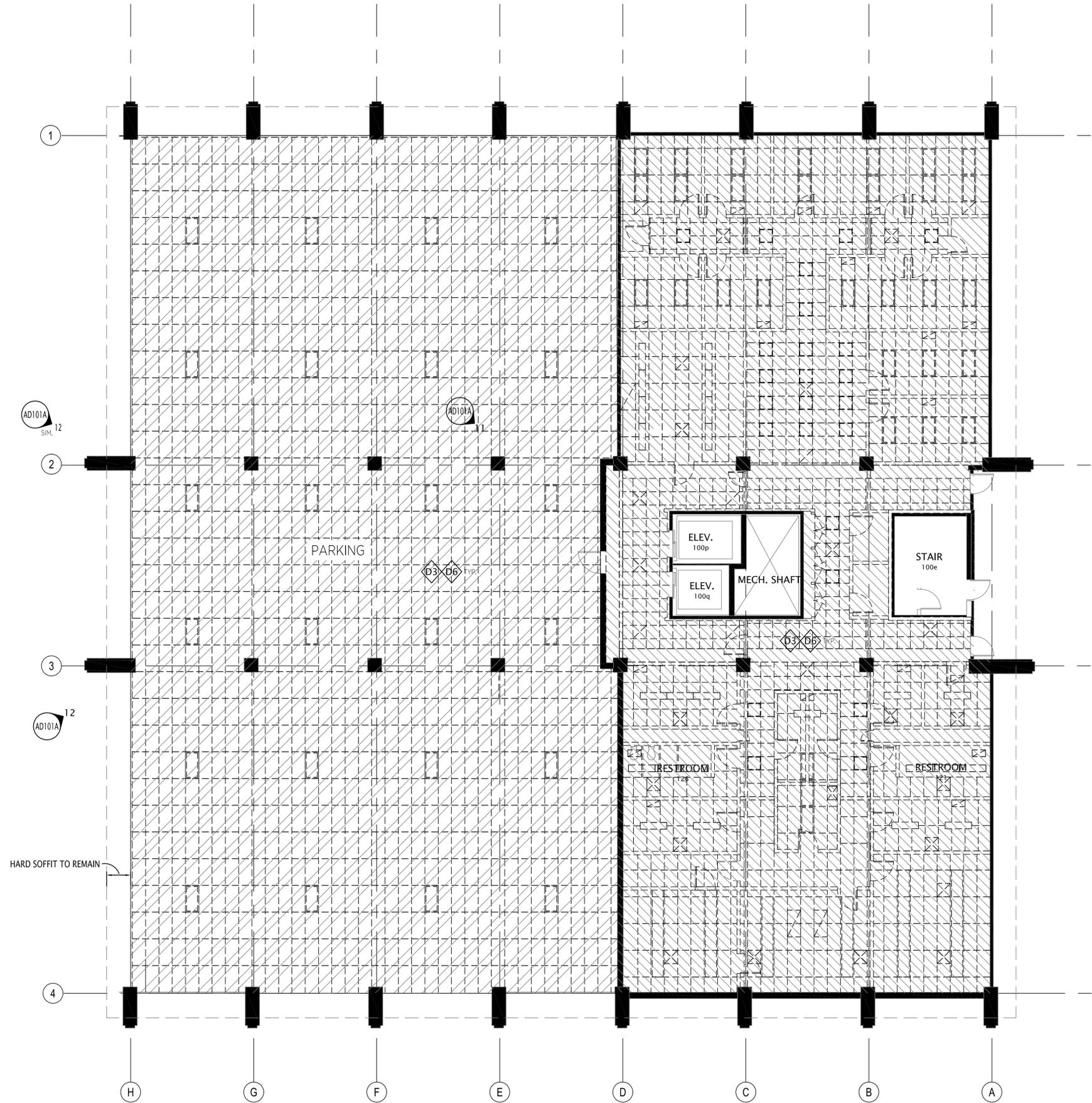
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**SUB BASEMENT  
DEMOLITION PLAN**

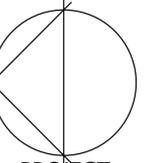






LEGEND:

- WALLS AND COLUMNS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)
- #



PROJECT  
NORTH

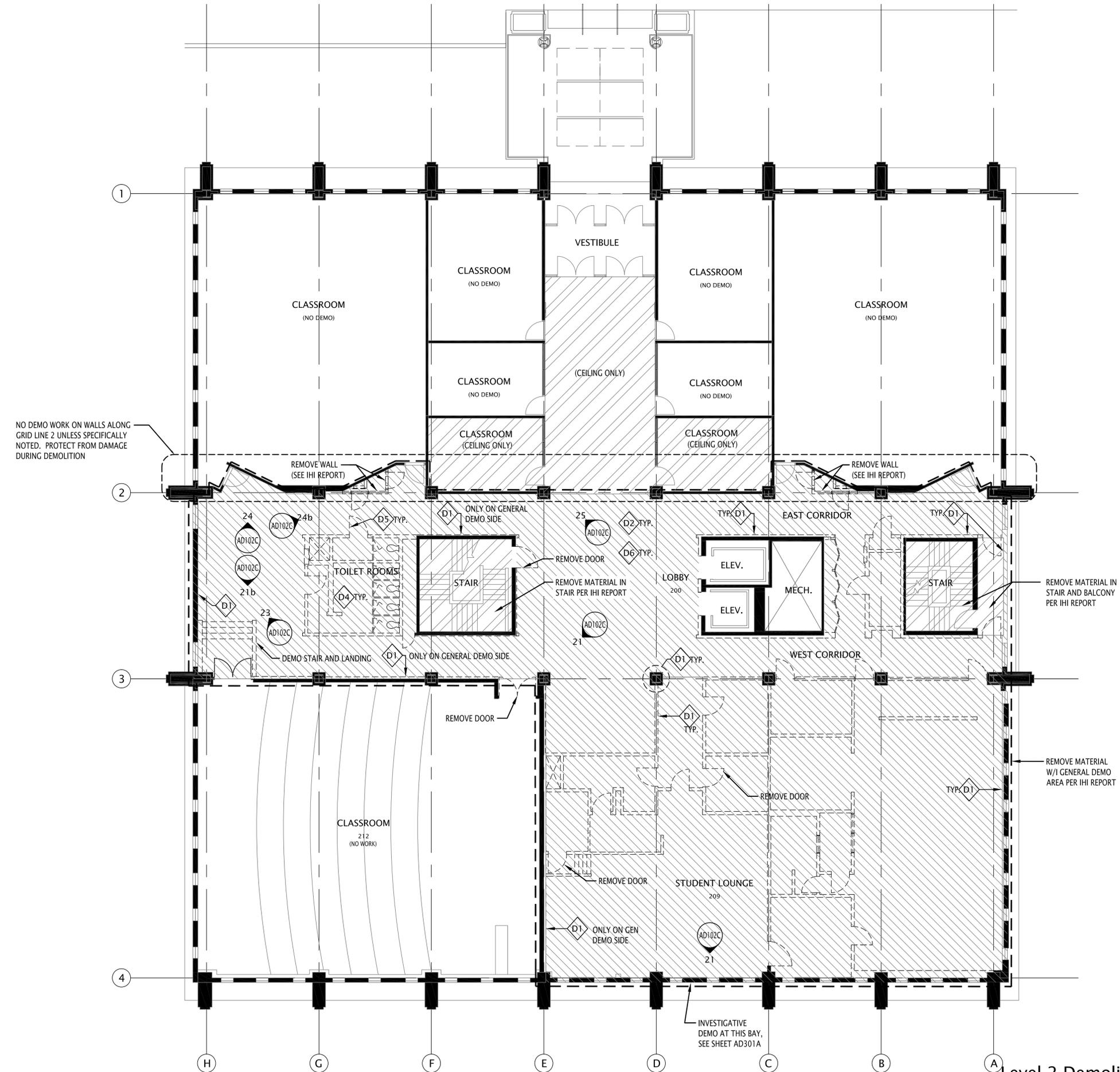
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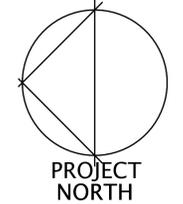
LEVEL 1 DEMO RCP



NO DEMO WORK ON WALLS ALONG GRID LINE 2 UNLESS SPECIFICALLY NOTED. PROTECT FROM DAMAGE DURING DEMOLITION

**LEGEND:**

- WALLS AND COLUMNS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)
- #



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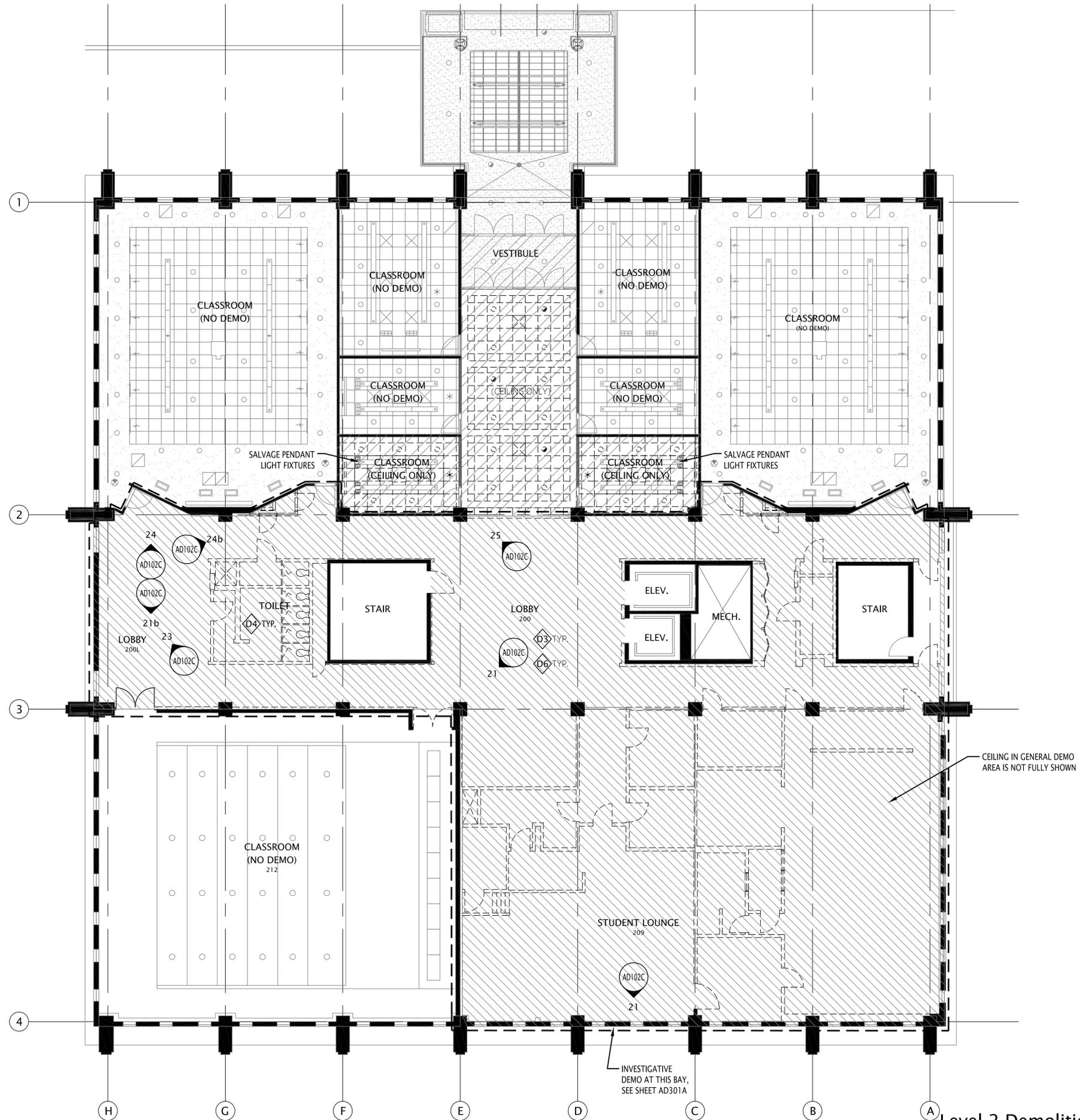
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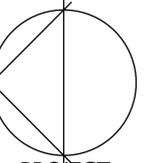
**LEVEL 2 DEMO PLAN**

**Level 2 Demolition Plan**  
SCALE: 1/8" = 1'-0" 1  
AD102A



**LEGEND:**

-  WALLS AND COLUMNS TO REMAIN
-  SELECTIVE DEMO
-  GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)
-  #



PROJECT  
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**LEVEL 2 DEMO RCP**

21



- REMOVE CEILING ELEMENTS PER KEYNOTE **D3**
- REMOVE FURRED WALL AND ANY M.E.P. ELEMENTS PER KEYNOTE **D1**
- REMOVE WINDOW CASING IF REQUIRED TO FACILITATE REMOVAL OF WALL
- PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.
- REMOVE FLOORING PER KEYNOTE **D2**

STUDENT LOUNGE - RM 209 (BRACE LOCATION)

22




- REMOVE CEILING ELEMENTS PER KEYNOTE **D3**
- REMOVE WOOD PANELING AND WALL ON CORRIDOR SIDE OF CLASSROOM 212, TYP.
- REMOVE DOOR
- REMOVE LOCKERS
- REMOVE STAIR LANDING, RAILING AND ALL ASSOCIATED FRAMING
- PROTECT BRICK FROM DAMAGE, TYP.
- REMOVE FLOORING PER KEYNOTE **D2**

CLASSROOM 212 CLASSROOM 212

22b

## KEY NOTE, SEE SHEET G003

23



- REMOVE CEILING ELEMENTS PER KEYNOTE **D3**
- REMOVE FURRED WALL AND ANY M.E.P. ELEMENTS PER KEYNOTE **D1**
- REMOVE WINDOW CASING IF REQUIRED TO FACILITATE REMOVAL OF WALL
- PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.
- REMOVE FLOORING PER KEYNOTE **D2**

LOBBY 200L (BRACE LOCATION)

24




- REMOVE CEILING ELEMENTS PER KEYNOTE **D3**
- NO DEMO WORK ON WALLS ALONG GRID LINE 2 UNLESS SPECIFICALLY NOTED. PROTECT FROM DAMAGE DURING DEMOLITION.
- PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.
- REMOVE FLOORING PER KEYNOTE **D2**

LOBBY 200L (BRACE LOCATION) LOBBY 200L (BRACE LOCATION)

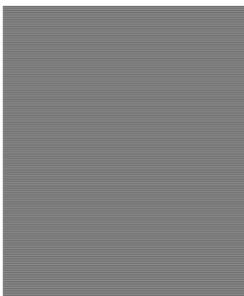
24b

25



- REMOVE CEILING ELEMENTS PER KEYNOTE **D3**
- NO DEMO WORK ON WALLS UNLESS SPECIFICALLY NOTED. PROTECT FROM DAMAGE DURING DEMOLITION.
- PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.
- FLOORING TO REMAIN
- REMOVE FLOORING PER KEYNOTE **D2**

GEN. DEMO SELECTIVE DEMO CLASSROOMS



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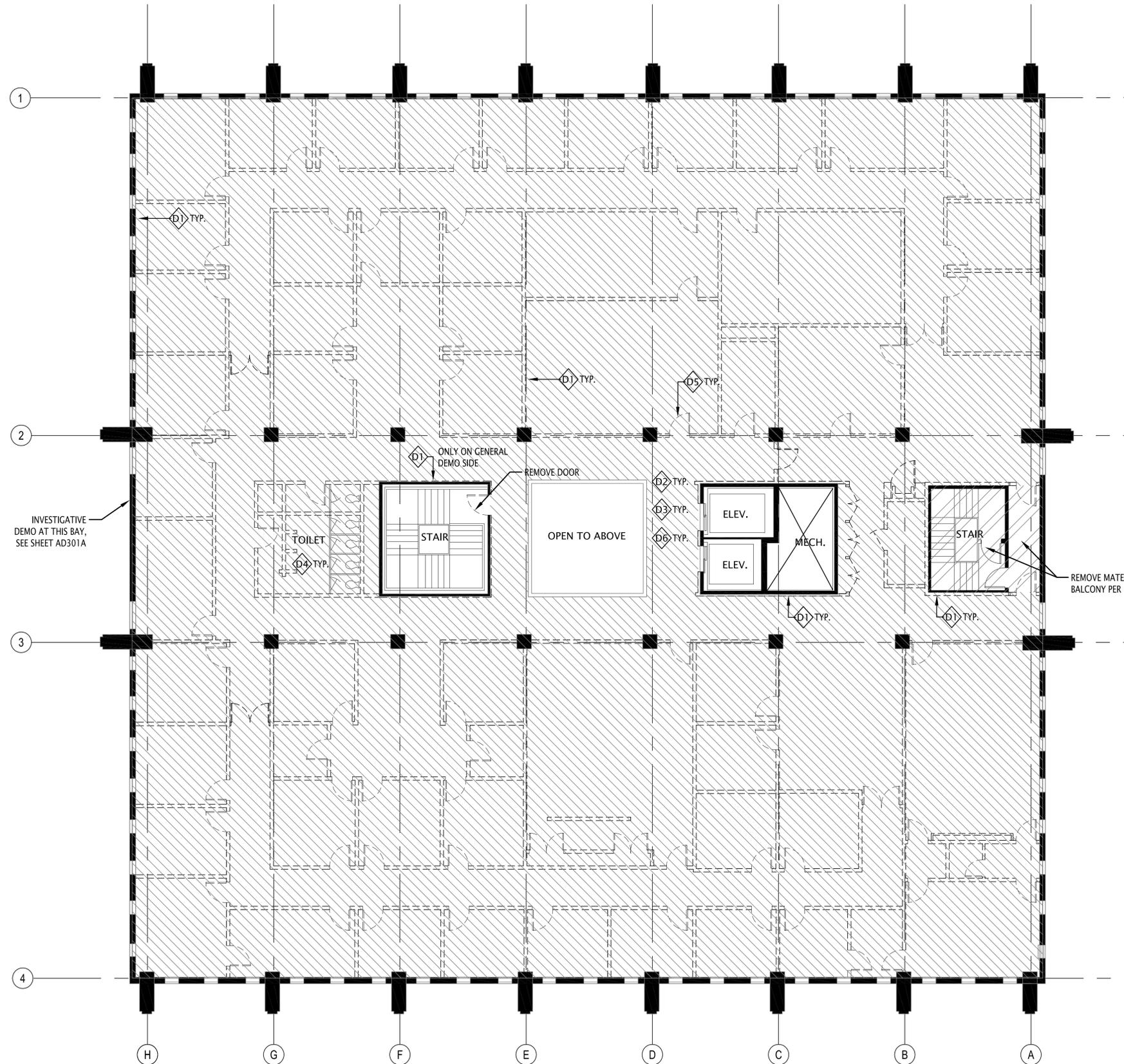
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**LEVEL 2 DEMO PICS**





INVESTIGATIVE  
DEMO AT THIS BAY,  
SEE SHEET AD301A

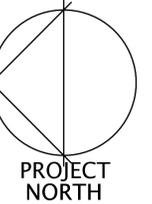
ONLY ON GENERAL  
DEMO SIDE

REMOVE DOOR

REMOVE MATERIALS IN STAIR &  
BALCONY PER IHI REPORT

**LEGEND:**

-  WALLS AND COLUMNS TO REMAIN
-  SELECTIVE DEMO
-  GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)
-  ##



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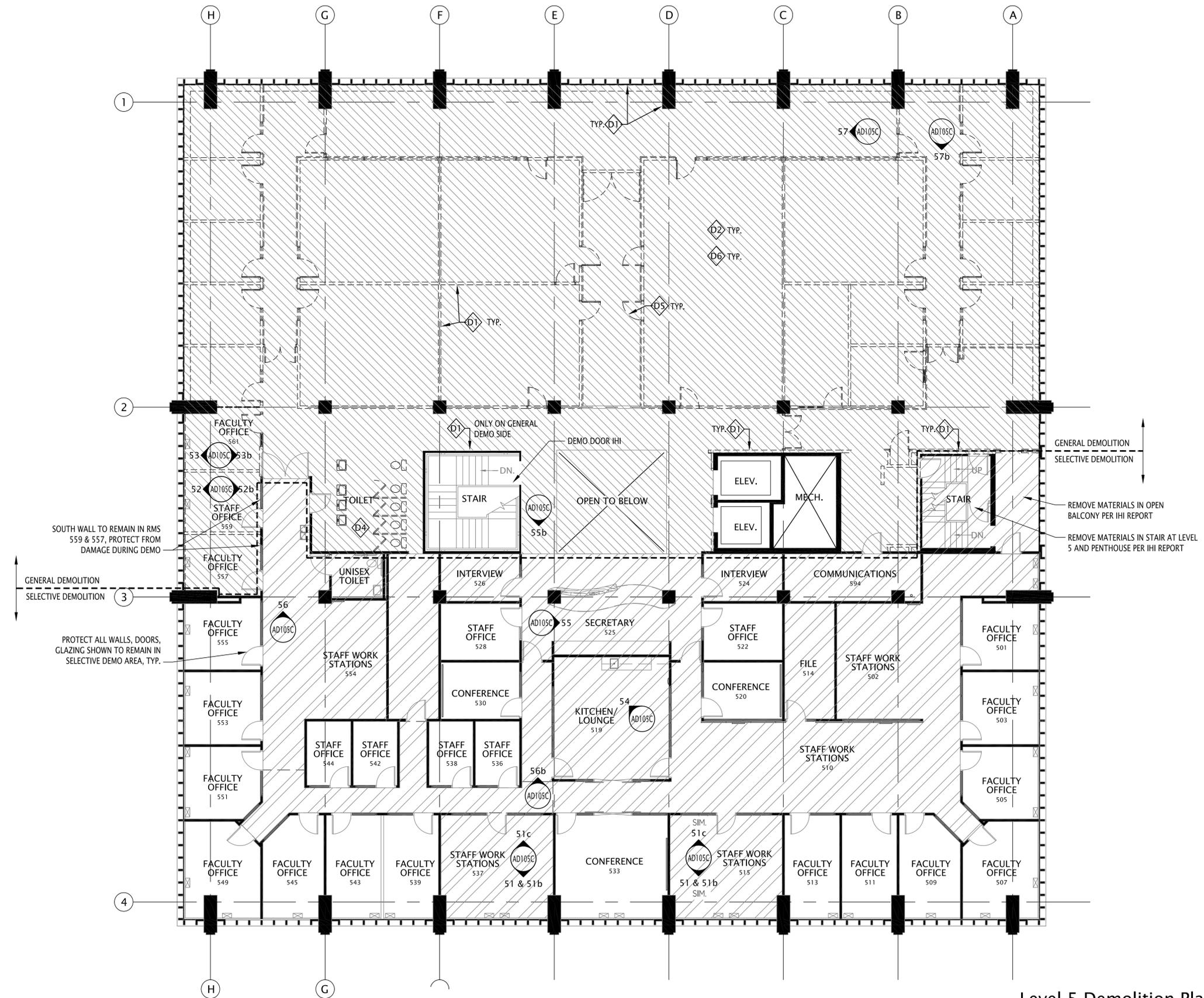
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**LEVEL 4 DEMO PLAN**

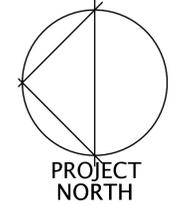
**Level 4 Demolition Plan**  
SCALE: 1/8" = 1'-0"

1  
AD104A



**LEGEND:**

- WALLS AND COLUMNS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)
- #



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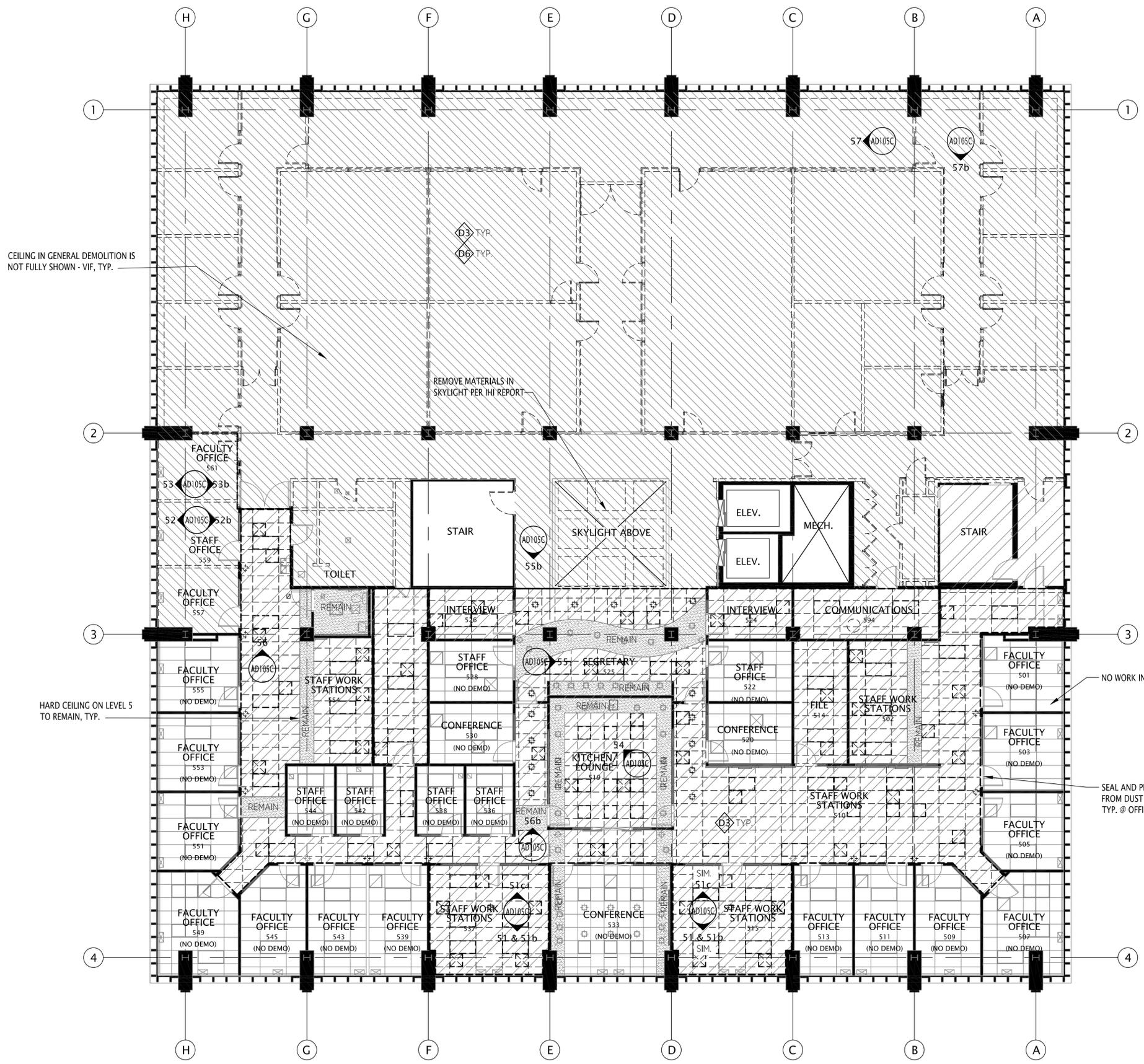
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**LEVEL 5 DEMO PLAN**

**Level 5 Demolition Plan**  
SCALE: 1/8" = 1'-0"



CEILING IN GENERAL DEMOLITION IS NOT FULLY SHOWN - VIF, TYP.

HARD CEILING ON LEVEL 5 TO REMAIN, TYP.

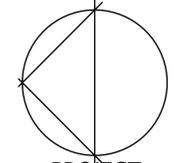
REMOVE MATERIALS IN SKYLIGHT PER IHI REPORT

NO WORK IN OFFICES

SEAL AND PROTECT DOORS FROM DUST AND DAMAGE, TYP. @ OFFICES

**LEGEND:**

- WALLS AND COLUMNS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)
- #



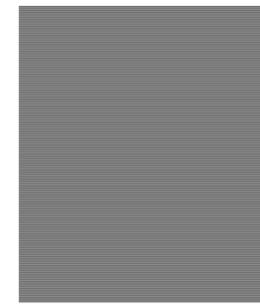
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**LEVEL 5 DEMOLITION  
REFLECTED CEILING  
PLAN**

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**LEVEL 5 DEMO PICS**

55

SECRETARY - RM 525

55b

SECRETARY - RM 525

- REMOVE CEILING ELEMENTS (EXCEPT HARD CEILINGS) PER KEYNOTE TO ALLOW ACCESS FOR MEP DEMO WORK
- ALL HARD CEILINGS ON LEVEL 5 TO REMAIN, PROTECT FROM DAMAGE DURING DEMOLITION, TYP.
- PROTECT ALL WALLS & MASONRY FROM DAMAGE DURING DEMO, TYP. AT ALL SELECTIVE DEMO AREAS ON LEVEL 5
- PROTECT CASEWORK FROM DAMAGE DURING DEMO. SALVAGE FURNITURE & EQUIPMENT PER GENERAL DEMOLITION NOTES ON SHEET G003
- SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE, TYP. ON LEVEL 5
- PROTECT VCT FROM DAMAGE DURING DEMO, TYP. AT ALL SELECTIVE DEMO AREAS ON LEVEL 5

51

STAFF WORK STATIONS - RM 537 (BRACE LOCATION)

51b

STAFF WORK STATIONS - RM 537 (BRACE LOCATION)

- REMOVE CEILING ELEMENTS PER KEYNOTE
- PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.
- PROTECT NORTH & SOUTH WALLS FROM DAMAGE DURING DEMOLITION
- SALVAGE FURNITURE & EQUIPMENT PER GENERAL DEMOLITION NOTES ON SHEET G003
- SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE

56

TYP LEVEL 5 CORRIDOR - SELECTIVE DEMOLITION AREA

56b

TYP LEVEL 5 CORRIDOR - SELECTIVE DEMOLITION AREA

- REMOVE CEILING ELEMENTS (EXCEPT HARD CEILINGS) PER KEYNOTE TO ALLOW ACCESS FOR MEP DEMO WORK
- ALL HARD CEILINGS ON LEVEL 5 TO REMAIN, PROTECT FROM DAMAGE DURING DEMOLITION, TYP.
- PROTECT ALL WALLS FROM DAMAGE DURING DEMO, TYP. AT ALL SELECTIVE DEMO AREAS ON LEVEL 5
- SALVAGE FURNITURE & EQUIPMENT PER GENERAL DEMOLITION NOTES ON SHEET G003
- SALVAGE CARPET TILE (WHOLE TILE ONLY) FOR REUSE, TYP. ON LEVEL 5

51c

STAFF WORK STATIONS - RM 537 (BRACE LOCATION)

51b

STAFF WORK STATIONS - RM 537 (BRACE LOCATION)

- REMOVE CEILING ELEMENTS PER KEYNOTE
- PROTECT ALL EAST WALL ELEMENTS FROM DAMAGE DURING DEMOLITION
- SALVAGE FURNITURE & EQUIPMENT PER GENERAL DEMOLITION NOTES ON SHEET G003
- SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE, TYP. ON LEVEL 5

57

TYP LEVEL 5 CORRIDOR - GENERAL DEMOLITION AREA

57b

TYP LEVEL 5 CORRIDOR - GENERAL DEMOLITION AREA

- REMOVE CEILING ELEMENTS PER KEYNOTE
- REMOVE WALLS PER KEYNOTE
- PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.
- REMOVE WINDOW CASING IF REQUIRED TO FACILITATE REMOVAL OF WALL
- REMOVE RADIATOR COVERS
- SALVAGE WOOD BASE FOR REUSE, TYP. ON LEVEL 5
- SALVAGE CARPET TILE (WHOLE TILE ONLY) FOR REUSE, TYP. ON LEVEL 5

52

STAFF OFFICE - RM 559 (BRACE LOCATION)

52b

STAFF OFFICE - RM 559 (BRACE LOCATION)

- REMOVE CEILING ELEMENTS PER KEYNOTE
- REMOVE EAST & WEST WALLS PER KEYNOTE
- PROTECT ALL SOUTH WALL ELEMENTS FROM DAMAGE DURING DEMOLITION
- SALVAGE FURNITURE & EQUIPMENT PER GENERAL DEMOLITION NOTES ON SHEET G003
- SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE (NOT SEEN IN PHOTOS)

53

STAFF OFFICE - RM 561 (BRACE LOCATION)

53b

STAFF OFFICE - RM 561 (BRACE LOCATION)

- REMOVE CEILING ELEMENTS PER KEYNOTE
- REMOVE EAST & WEST WALL PER KEYNOTE
- PROTECT ALL SOUTH WALL ELEMENTS FROM DAMAGE DURING DEMOLITION
- PROTECT ALL MASONRY FROM DAMAGE DURING DEMOLITION, TYP.
- SALVAGE FURNITURE & EQUIPMENT PER GENERAL DEMOLITION NOTES ON SHEET G003
- SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE (NOT SEEN IN PHOTOS)

54

KITCHEN / LOUNGE - RM 519

54b

KITCHEN / LOUNGE - RM 519

- REMOVE CEILING ELEMENTS (EXCEPT HARD CEILINGS) PER KEYNOTE TO ALLOW ACCESS FOR MEP DEMO WORK
- ALL HARD CEILINGS ON LEVEL 5 TO REMAIN, PROTECT FROM DAMAGE DURING DEMOLITION, TYP.
- PROTECT ALL WALLS FROM DAMAGE DURING DEMOLITION, TYP. AT ALL SELECTIVE DEMO AREAS ON LEVEL 5
- PROTECT CASEWORK FROM DAMAGE DURING DEMO. SALVAGE FURNITURE & EQUIPMENT PER GENERAL DEMOLITION NOTES ON SHEET G003
- PROTECT VCT FROM DAMAGE DURING DEMO, TYP. AT ALL SELECTIVE DEMO AREAS ON LEVEL 5
- SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE, TYP. ON LEVEL 5



# LEGEND OF MECHANICAL SYMBOLS AND ABBREVIATIONS

## MECHANICAL

	POSITIVE PRESSURE DUCT - RISE
	POSITIVE PRESSURE DUCT - DROP
	NEGATIVE PRESSURE DUCT - RISE
	NEGATIVE PRESSURE DUCT - DROP
	ROUND DUCT - RISE
	ROUND DUCT - DROP
	UNDER FLOOR DUCT
	TURNING VANES
	FRESH AIR LOUVER
	RELIEF AIR OR EXHAUST AIR LOUVER
	CEILING SUPPLY DIFFUSER
	CEILING RETURN REGISTER
	CEILING EXHAUST REGISTER, (BALANCE TO MATCH SUPPLY IF RETURN CFM IS NOT SHOWN)
	SIDEWALL SUPPLY REGISTER
	SIDEWALL EXHAUST OR RETURN REGISTER
	CEILING SUPPLY DIFFUSER WITH FLEXIBLE DUCT
	CEILING AIR GRILLE WITH FLEXIBLE DUCT
	CEILING RETURN AIR GRILLE W/ SOUND BOOT
	LINEAR DIFFUSER WITH PLENUM AND FLEXIBLE DUCT CONNECTION. NO. OF SLOTS & SIZE OF SLOT ON TOP, ACTIVE LENGTH AND CFM ON BOTTOM
	FLEXIBLE DUCT CONNECTION
	FLEXIBLE DUCT
	FAN
	FLAT OVAL DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	RECTANGULAR DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	ROUND DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	INCLINED RISE
	INCLINED DROP
	R/W=1. ROUND DUCT SIMILAR TO RECTANGULAR
	RECTANGULAR TO ROUND DUCT TRANSFORMATION MAXIMUM 15° INCLUDED ANGLE EXCEPT WHERE SHOWN OTHERWISE.
	RECTANGULAR TO ROUND DUCT TRANSFORMATION
	BRANCH DUCT SPLIT WITH 6" WIDTH AND MIN. R=WIDTH OF BRANCH DUCT DOWNSTREAM. ELBOW TURNING VANE OPTIONAL.
	TAP ENTRY AREA EQUALS 150% OF BRANCH AREA
	HIGH EFFICIENCY FITTING
	MANUAL VOLUME DAMPER
	FIRE DAMPER IN DUCT, W/ ACCESS PANEL REDD.
	COMBINATION FIRE/SMOKE DAMPER W/ ACCESS PANEL
	SMOKE DAMPER W/ ACCESS PANEL
	BACK DRAFT DAMPER
	ATC DAMPER
	ACCESS PANEL IN DUCT OR PLENUM
	HEATING OR COOLING COIL IN DUCT
	SINGLE DUCT AIR TERMINAL BOX VARIABLE OR CONSTANT VOLUME. MIN. 1-1/2" TERMINAL INLET SIZE STRAIGHT DUCT AT TERMINAL INLET.
	4-WAY BLOW PATTERN
	3-WAY BLOW PATTERN
	2-WAY BLOW PATTERN
	2-WAY BLOW PATTERN
	1-WAY BLOW PATTERN
	DUCT SMOKE DETECTOR
	UNIT HEATER

## PLUMBING

	FLOOR SINK
	FLOOR DRAIN
	FLOOR CLEAN-OUT OR CLEAN-OUT TO GRADE
	ROOF DRAIN
	DOWNSPOUT NOZZLE
	ARROW INDICATES DIRECTION OF FLOW IN PIPE
	CHECK VALVE
	PRESSURE REDUCING, EXTERNAL PRESSURE VALVE
	PRESSURE REDUCING, SELF CONTAINED VALVE
	ATC VALVE - 2 WAY
	ATC VALVE - 3 WAY
	SOLENOID VALVE
	GATE VALVE
	GATE VALVE - NON RISING STEM
	GLOBE VALVE
	TEMPERATURE AND PRESSURE TEST PORT
	PRESSURE SWITCH
	GAS COCK
	CALIBRATED BALANCING VALVE WITH GPM INDICATED
	REDUCED PRESSURE BACKFLOW PREVENTOR W/ DRAIN PAN
	BRANCH - BOTTOM CONNECTION
	BRANCH - TOP CONNECTION
	BRANCH - SIDE CONNECTION
	RISE OR DROP
	RISER - DOWN (ELBOW)
	RISER - DOWN (ELBOW)
	VENT THRU ROOF
	WATER HAMMER ARRESTOR
	INLINE PUMP
	INLINE PUMP
	CLEAN-OUT
	RELIEF VALVE
	ANGLE VALVE
	FLOW METER
	UNION
	BALANCING COCK
	SHUT-OFF COCK FOR USE WITH PRESSURE GAUGE
	FLEXIBLE EXPANSION JOINT
	THERMOMETER - TEMP RANGE AS INDICATED
	PRESSURE GAUGE WITH SHUT-OFF COCK
	PRESSURE GAUGE WITH PIGTAIL
	LATERAL STRAINER WITH BLOW-OFF VALVE. PROVIDE HOSE END WITH CAP WHERE DISCHARGE IS NOT PIPED TO DRAIN
	BALL VALVE (PIPE SIZES 2" AND SMALLER)
	BUTTERFLY VALVE (PIPE SIZES 2-1/2" AND LARGER)
	MOTOR OPERATED BUTTERFLY VALVE
	VALVE IN RISE
	AIR VENT-MANUAL
	AIR VENT-AUTO
	FLOW SWITCH
	REDUCER
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER

## PLUMBING CONT.

	THERMOSTATIC MIXING VALVE
	HOSE BIBB
	PIPE CAP
	SWITCH
	SENSOR
	THERMOSTAT
	NIGHT THERMOSTAT
	FILL PORT
	DRAIN PAN AND P-TRAP
	FIXTURE FROM LEVEL ABOVE
	FLOW METER ORIFICE
	FLANGE
	90° ELBOW
	STEAM TRAP, F&T=FLOAT & THERMOSTATIC 45° ELBOW
	B=BUCKET, T=THERMOSTATIC
	LEADER INDICATES DOWNWARD SLOPE
	DEMOLITION
	ALIGNMENT GUIDE
	ANCHOR
	LUBRICATED PLUG COCK

## SYMBOLS

	PLUMBING FIXTURES
	POINT OF CONNECTION
	SECTION TAG - TOP FIGURE IS SECTION NO. BOTTOM FIGURE IS SHEET NO.
	DETAIL TAG - TOP FIGURE IS DETAIL NO. BOTTOM FIGURE IS SHEET NO.
	EQUIPMENT IDENTIFICATION
	KEYED NOTE IDENTIFICATION

## FIRE

	HOSE VALVE
	NRS GATE VALVE WITH SUPERVISION
	FLOW SWITCH
	FIRE RISER
	SPRINKLER HEAD
	FIRE SPRINKLER WATER

## LINETYPES

	ACID VENT
	ACID WASTE
	BOILER BLOW DOWN
	BOILER FEED WATER
	BRINE
	CARBON DIOXIDE
	COMPRESSED AIR
	CHEMICAL FEED
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	CONDENSER WATER SUPPLY
	CONDENSER WATER RETURN
	DOMESTIC COLD WATER (DCW)
	DOMESTIC HOT WATER (DHW)
	DOMESTIC HOT WATER RETURN (DHW)
	DEIONIZED WATER SUPPLY
	DEIONIZED WATER RETURN
	EXISTING PIPING
	EXISTING PIPING TO BE REMOVED
	GLYCOL HEAT RECOVERY PIPING
	GLYCOL PIPING SOLUTION
	FUEL OIL RETURN
	FUEL OIL SUPPLY
	FUEL OIL VENT
	NATURAL GAS
	HOT GAS
	HELICOPTER FUEL RETURN
	HELICOPTER FUEL SUPPLY
	HIGH PRESSURE DOMESTIC WATER
	HIGH PRESSURE CONDENSATE
	HIGH PRESSURE STEAM
	HEATING HOT WATER RETURN
	HEATING HOT WATER SUPPLY
	INSTRUMENT AIR
	INSTRUMENT AIR AT PRESSURE INDICATED
	LAB AIR
	LAB VACUUM
	LOW PRESSURE CONDENSATE
	LIQUIFIED PETROLEUM GAS
	LOW PRESSURE STEAM
	MEDICAL AIR
	MEDICAL AIR AT PRESSURE INDICATED
	MEDIUM PRESSURE CONDENSATE
	MEDIUM PRESSURE STEAM
	MAKE UP WATER
	MEDICAL VACUUM
	NITROGEN
	NITROUS OXIDE
	MEDICAL OXYGEN
	MEDICAL OXYGEN AT PRESSURE INDICATED
	PUMPED CONDENSATE

## LINETYPES CONT.

	REVERSE OSMOSIS WATER SUPPLY
	REVERSE OSMOSIS WATER RETURN
	ROOF DRAIN
	ROOF DRAIN OVERFLOW
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION
	SEWER (BELOW GRADE)
	SEWER (ABOVE GRADE)
	SOFT DOMESTIC WATER (SW)
	VACUUM
	VENT (SEWER)

	TEMP BARRIER FOR DEMO
	WALLS TO REMAIN
	SELECTIVE DEMO
	GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)



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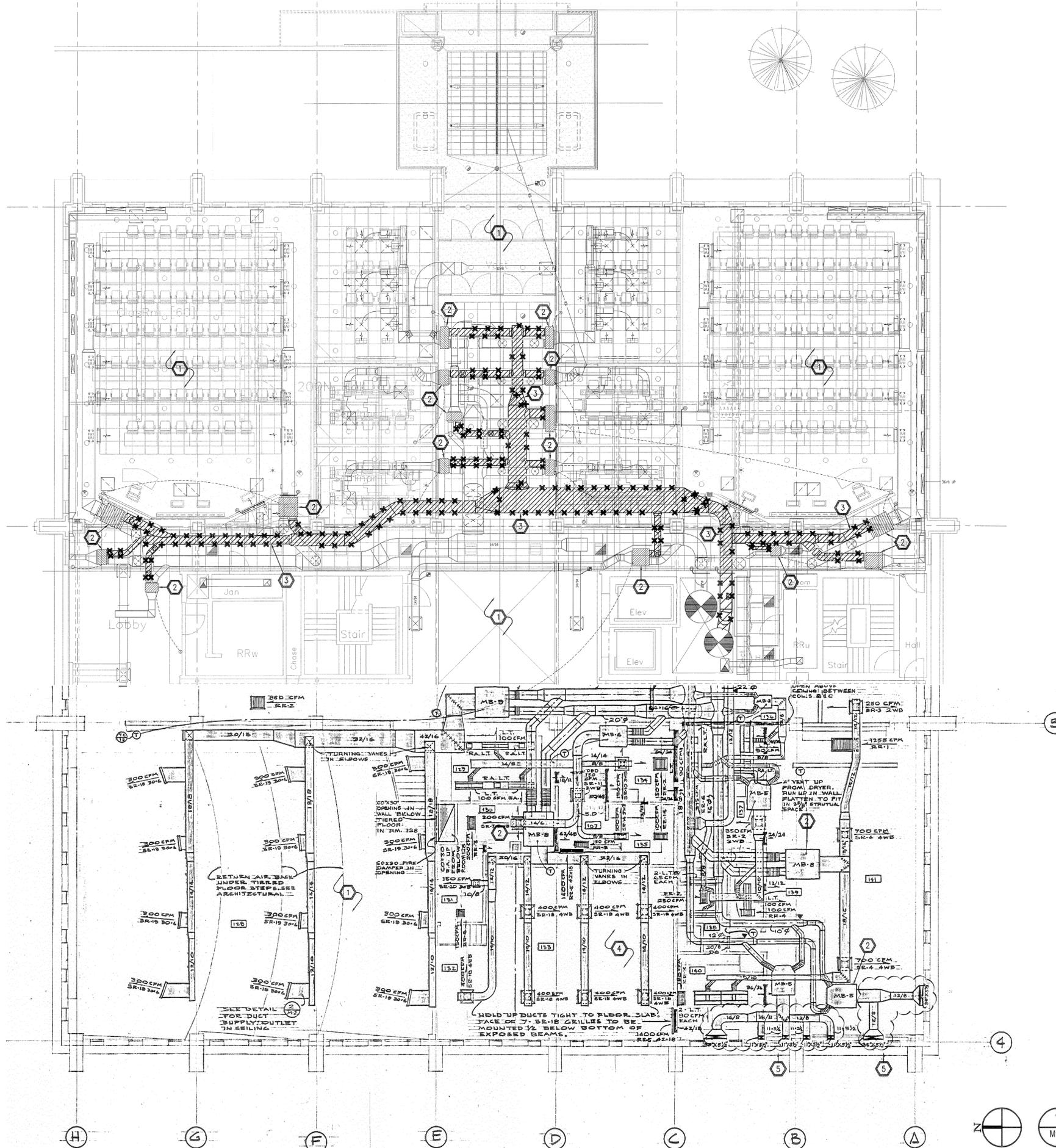
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**MECHANICAL SYMBOLS AND ABBREVIATIONS**







- # KEYED NOTES
1. ALL DUCTWORK, DIFFUSERS, REGISTERS AND GRILLES TO REMAIN IN THIS AREA EXCEPT AS NOTED.
  2. REMOVE DUAL DUCT VAV BOXES.
  3. DEMOLISH AND REMOVE HOT DECK DUCTWORK.
  4. DEMOLISH AND REMOVE ALL EXISTING DUCTWORK, HOT DICK AND COLD DECK, MEDIUM PRESSURE, LOW PRESSURE, ALL GRILLES, REGISTERS, AND DIFFUSERS, ALL DUAL DUCT VAV BOXES, PNEUMATIC CONTROL LINES, THERMOSTATS AND WIRING.
  5. DUCTWORK SERVING FLOOR ABOVE TO REMAIN.


- TEMP BARRIER FOR DEMO
- WALLS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET C003 FOR KEYNOTES)



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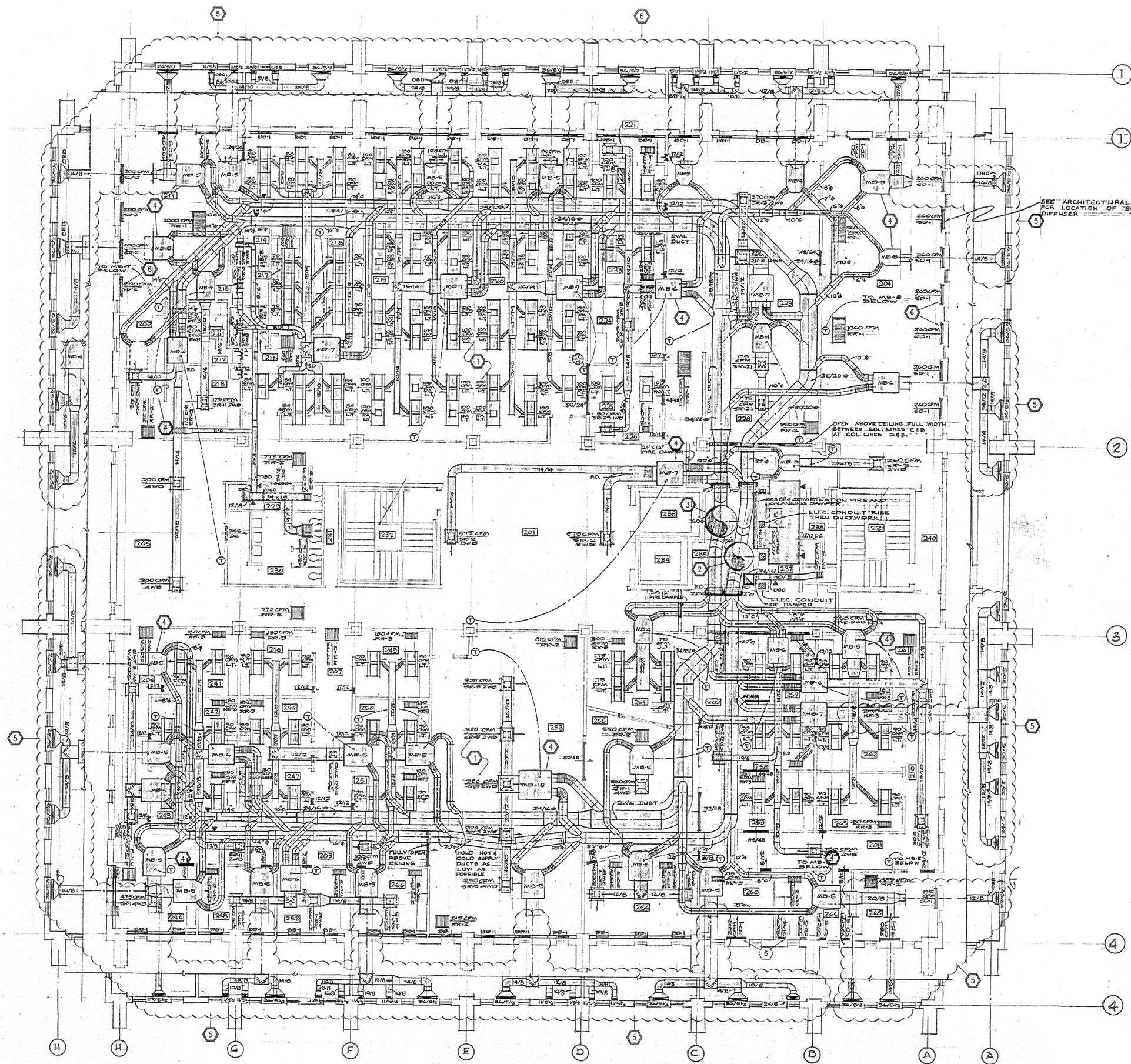
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**SECOND FLOOR HEATING & AIR CONDITIONING PLAN**

1 SECOND FLOOR MECHANICAL  
M101 SCALE: 1/8" = 1'-0"  
0' 8' 16'



- # KEYED NOTES
1. DEMOLISH AND REMOVE ALL EXISTING DUCTWORK, HOT DECK AND COLD DECK, MEDIUM PRESSURE, LOW PRESSURE, ALL GRILLES, REGISTERS, AND DIFFUSERS, ALL OVAL DUCT VAV BOXES, PNEUMATIC CONTROL LINES, THERMOSTATS AND WIRING.
  2. EXISTING HOT DECK DUCTWORK, RISERS IN CHASE, TO REMAIN.
  3. COLD DECK DUCT TO REMAIN.
  4. REMOVE OVAL DUCT VAV BOX, TYPICAL.
  5. DUCTWORK SERVING FLOOR ABOVE TO REMAIN.
  6. ALL FLOOR MOUNTED GRILLES TO REMAIN, TYPICAL.

-  TEMP BARRIER FOR DEMO
-  WALLS TO REMAIN
-  SELECTIVE DEMO
-  GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)



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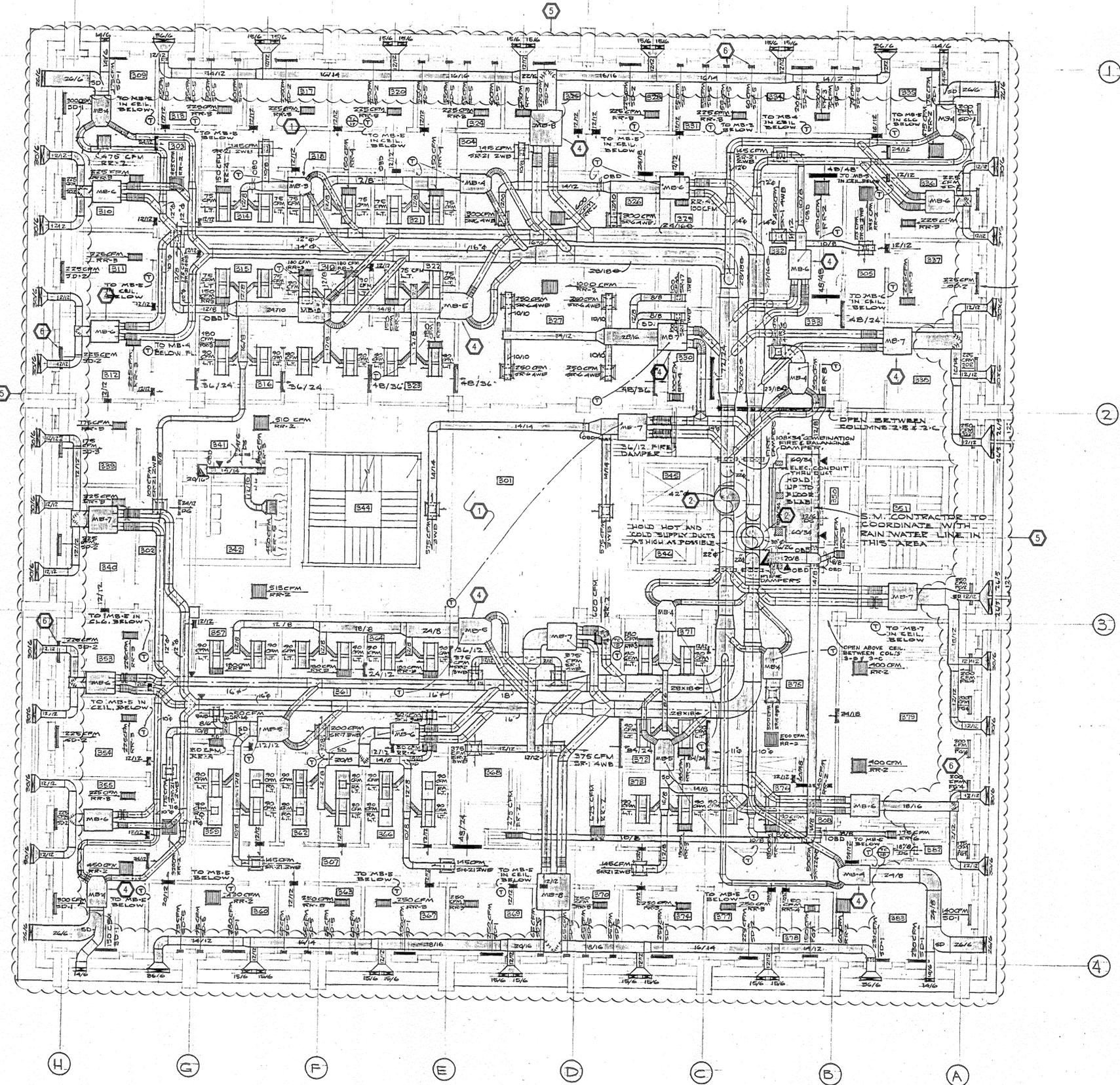
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THIRD FLOOR HEATING &  
AIR CONDITIONING PLAN

1 THIRD FLOOR MECHANICAL PLAN  
M102 SCALE: 1/8" = 1'-0"  
0' 8' 16'

- # KEYED NOTES
1. DEMOLISH AND REMOVE ALL EXISTING DUCTWORK, HOT DECK AND COLD DECK, MEDIUM PRESSURE, LOW PRESSURE, ALL GRILLES, REGISTERS, AND DIFFUSERS, ALL OVAL DUCT VAV BOXES, PNEUMATIC CONTROL LINES, THERMOSTATS AND WIRING.
  2. EXISTING HOT DECK DUCTWORK, RISERS IN CHASE, TO REMAIN.
  3. COLD DECK DUCT TO REMAIN.
  4. REMOVE OVAL DUCT VAV BOX, TYPICAL.
  5. DUCTWORK SERVING FLOOR ABOVE TO REMAIN.
  6. ALL FLOOR MOUNTED GRILLES TO REMAIN, TYPICAL.


- TEMP BARRIER FOR DEMO
- WALLS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)



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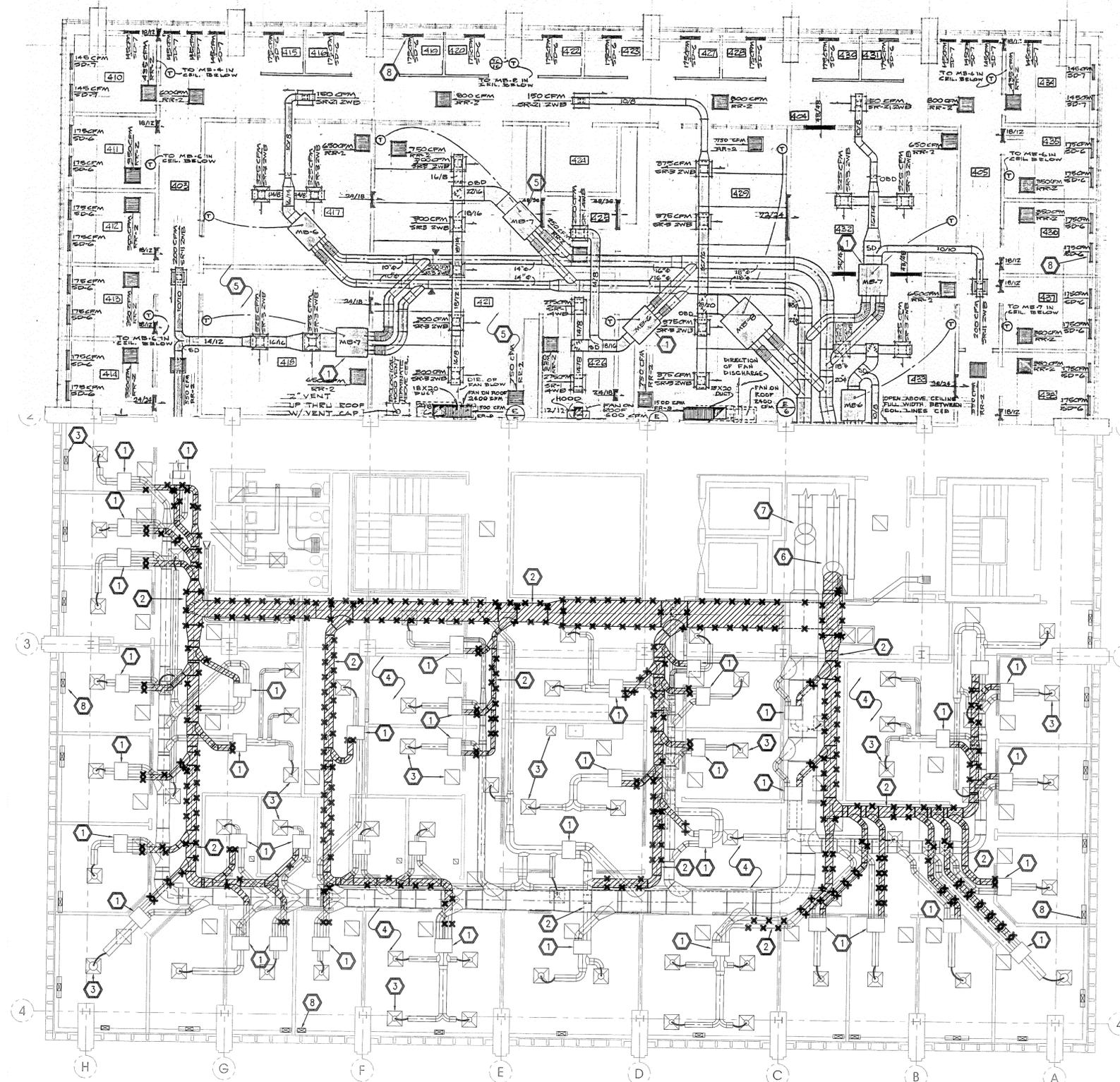
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**FOURTH FLOOR HEATING & AIR CONDITIONING PLAN**

1 FOURTH FLOOR MECHANICAL PLAN  
M103 SCALE: 1/8" = 1'-0"

- # KEYED NOTES
1. REMOVE DUAL DUCT VAV BOX, TYPICAL.
  2. REMOVE HOT DECK DUCTWORK.
  3. PROVIDE PLAN WITH EXISTING LOCATION OF ALL DIFFUSERS, REGISTERS AND GRILLES TO RE-INSTALL WHEN CEILING GRID IS RE-INSTALLED, TYPICAL.
  4. COLD DECK DUCTWORK AND ALL LOW PRESSURE DUCTS TO REMAIN.
  5. DEMOLISH AND REMOVE ALL EXISTING DUCTWORK, HOT DECK AND COLD DECK, MEDIUM PRESSURE, LOW PRESSURE, ALL GRILLES, REGISTERS, AND DIFFUSERS, ALL OVAL DUCT VAV BOXES, PNEUMATIC CONTROL LINES, THERMOSTATS AND WIRING.
  6. EXISTING HOT DECK DUCTWORK, RISERS IN CHASE, TO REMAIN.
  7. COLD DECK DUCT IN CHASE TO REMAIN.
  8. ALL FLOOR MOUNTED GRILLES TO REMAIN, TYPICAL.


- TEMP BARRIER FOR DEMO
- WALLS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)



1 FIFTH FLOOR MECHANICAL PLAN  
M104 SCALE: 1/8" = 1'-0"  
0' 8' 16'



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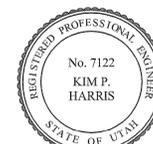
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**FIFTH FLOOR HEATING & AIR CONDITIONING PLAN**

# KEYED NOTES

1. REMOVE EXISTING FAN, HEATING AND COOLING COILS, FILTERS, PLENUM WALLS, AND SUPPLY DUCTWORK FROM SPACE.
2. DISCONNECT AND SALVAGE ATC AIR COMPRESSOR FOR RE-INSTALLATION.
3. VALVE AND CAP EXISTING CHILLED WATER LINES, DEMOLISH DOWNSTREAM OF CAP.
4. DEMOLISH AND REMOVE EXISTING CHILLER AND ASSOCIATED PUMPS.
5. DEMOLISH AND REMOVE EXISTING HIGH TEMPERATURE WATER HEAT EXCHANGER AND PUMPS.
6. REMOVE ALL HOT WATER PIPING AND CHILLED WATER PIPING.
7. ALL MECHANICAL EQUIPMENT TO BE DEMOLISHED AND REMOVED.
8. CAP DUCTWORK AS SHOWN. RISERS TO REMAIN.
9. DEMO AND REMOVE EXISTING COOLING TOWER LOCATED IN AREA WELL.


- TEMP BARRIER FOR DEMO
- WALLS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)



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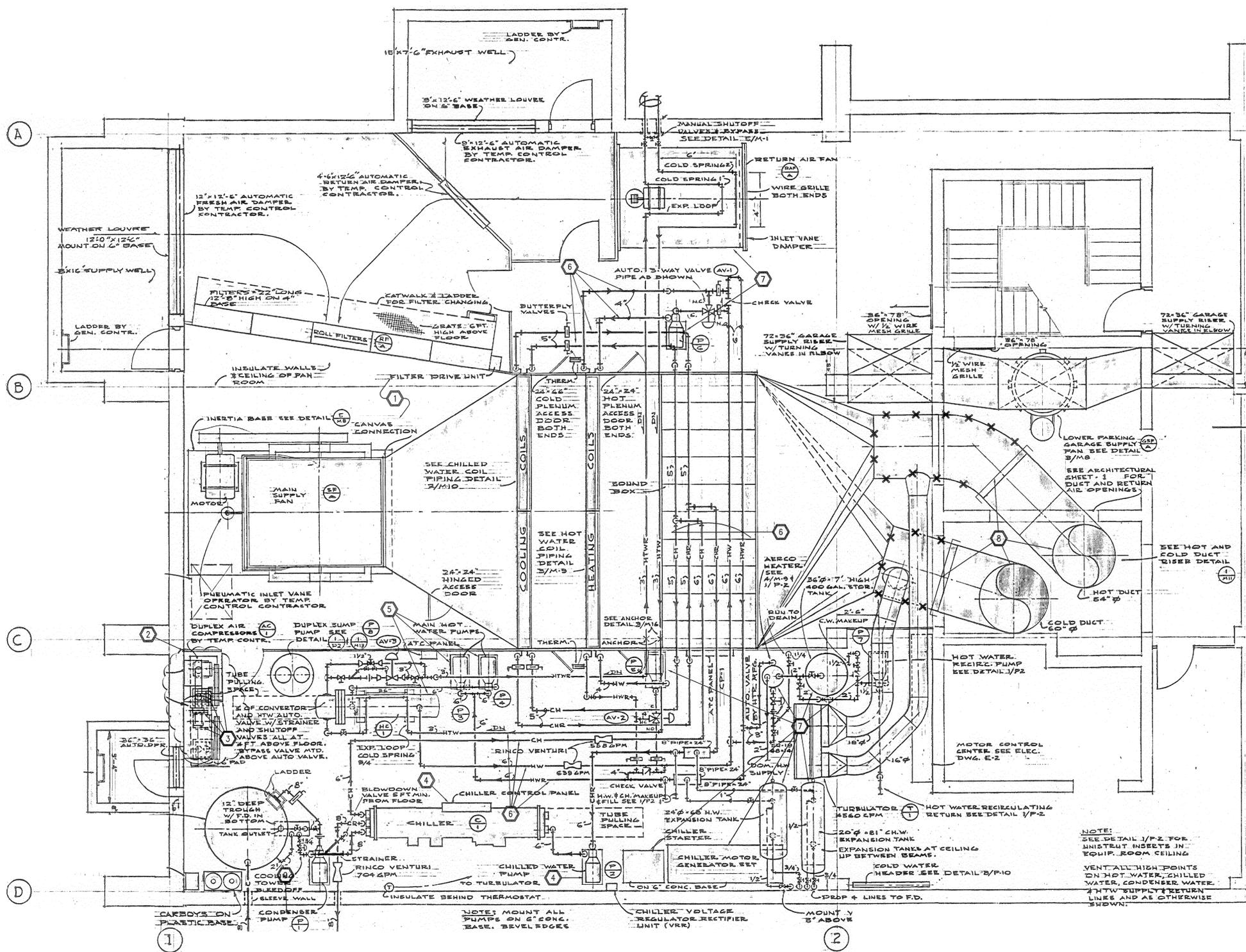
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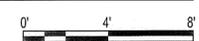
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SUB BASEMENT MECHANICAL EQUIPMENT ROOM PLAN

M401



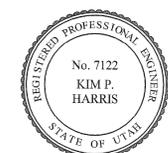
1 MECHANICAL EQUIPMENT ROOM  
M401 SCALE: 1/4" = 1'-0"



# KEYED NOTES

1. ALL UTILITIES ON THIS FLOOR TO REMAIN.


-  TEMP BARRIER FOR DEMO
-  WALLS TO REMAIN
-  SELECTIVE DEMO
-  GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)



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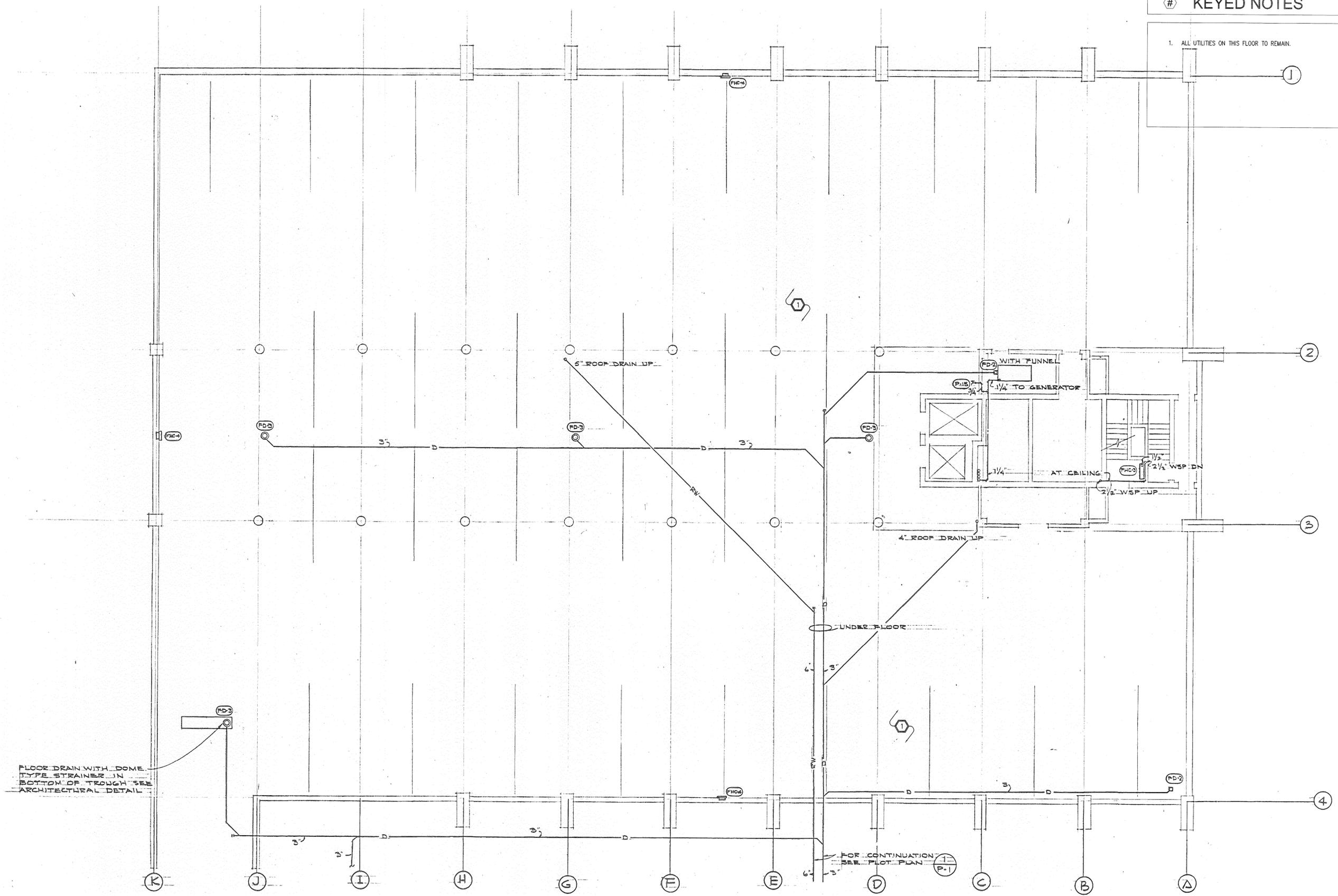
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**BASEMENT PLUMBING PLAN**



**1 BASEMENT PLUMBING PLAN**  
PK101 SCALE: 1/8" = 1'-0"  
0' 8' 16'

FLOOR DRAIN WITH DOME TYPE STRAINER IN BOTTOM OF TROUGH SEE ARCHITECTURAL DETAIL

FOR CONTINUATION SEE PLOT PLAN P-1

- # KEYED NOTES
1. ALL PLUMBING FIXTURES, SUPPLY PIPING, AND WASTE AND VENT PIPING OUTSIDE OF CLOUD AREA TO BE DEMOLISHED AND REMOVED.
  2. PIPING INSIDE OF CLOUDS ARE TO REMAIN.


- TEMP BARRIER FOR DEMO
- WALLS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)



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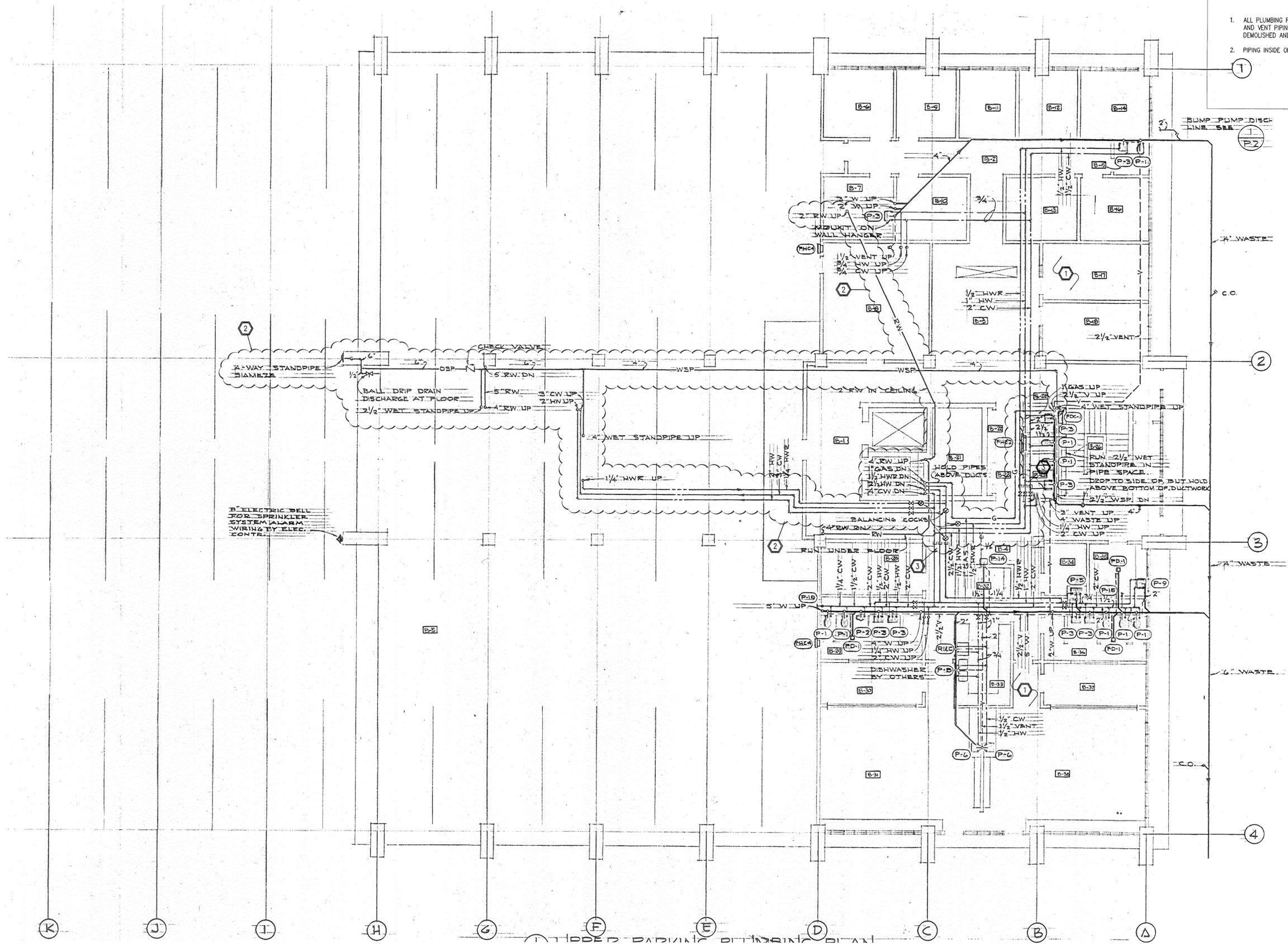
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**FIRST FLOOR PLUMBING PLAN**

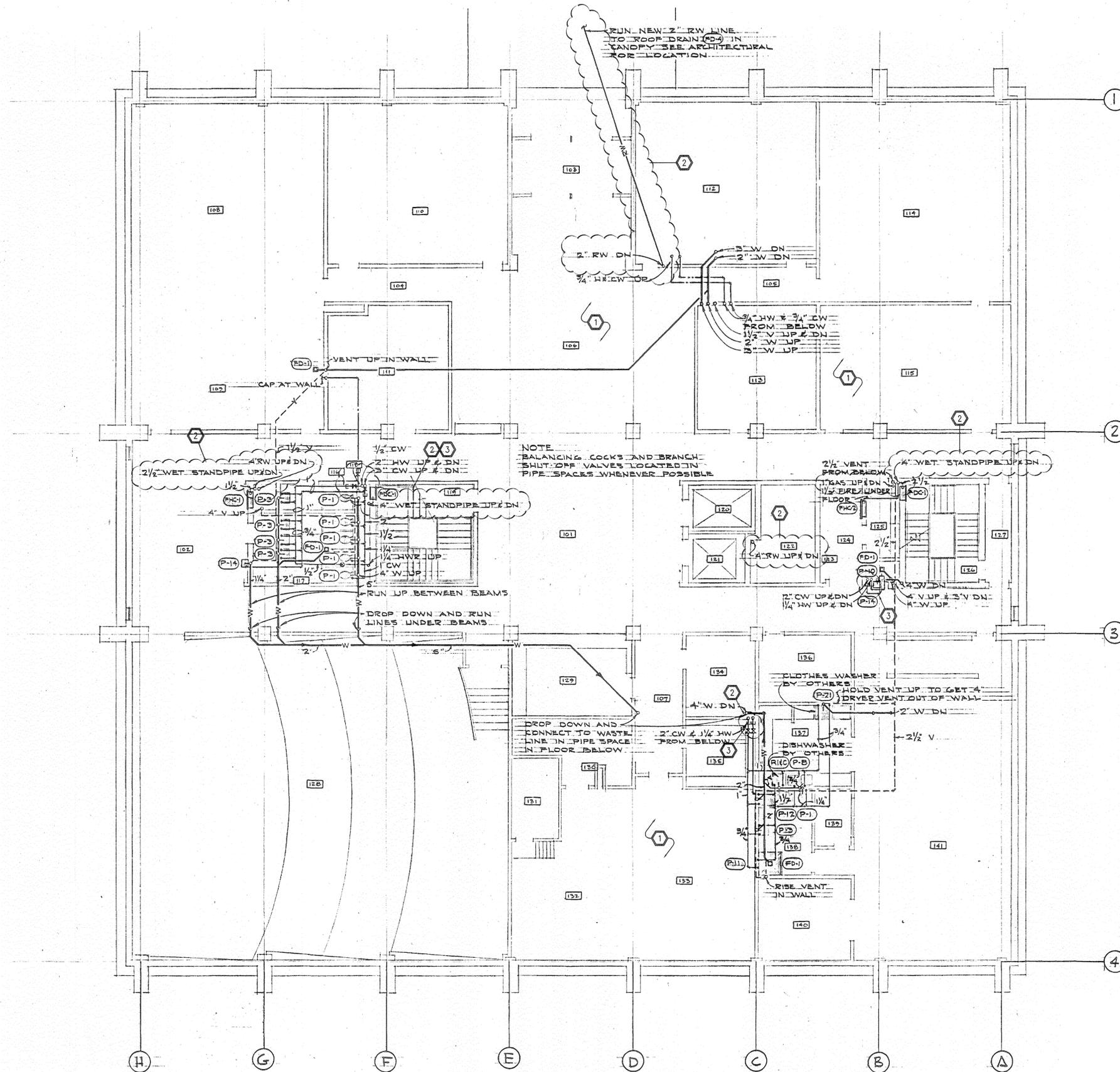


**1 FIRST FLOOR PLUMBING PLAN**  
SCALE: 1/8" = 1'-0"  
0' 8' 16'

# KEYED NOTES

1. ALL PLUMBING FIXTURES, SUPPLY PIPING, AND WASTE AND VENT PIPING OUTSIDE OF CLOUD AREA TO BE DEMOLISHED AND REMOVED.
2. PIPING INSIDE OF CLOUDS ARE TO REMAIN.
3. VALVE AND CAP DOMESTIC HOT AND COLD WATER LINES.


- TEMP BARRIER FOR DEMO
- WALLS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET C003 FOR KEYNOTES)



NOTE  
BALANCING COCKS AND BRANCH SHUT-OFF VALVES LOCATED IN PIPE SPACES WHENEVER POSSIBLE

1 SECOND FLOOR PLUMBING PLAN  
SCALE: 1/8" = 1'-0"



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4110 State Office Building  
Salt Lake City, Utah 84114

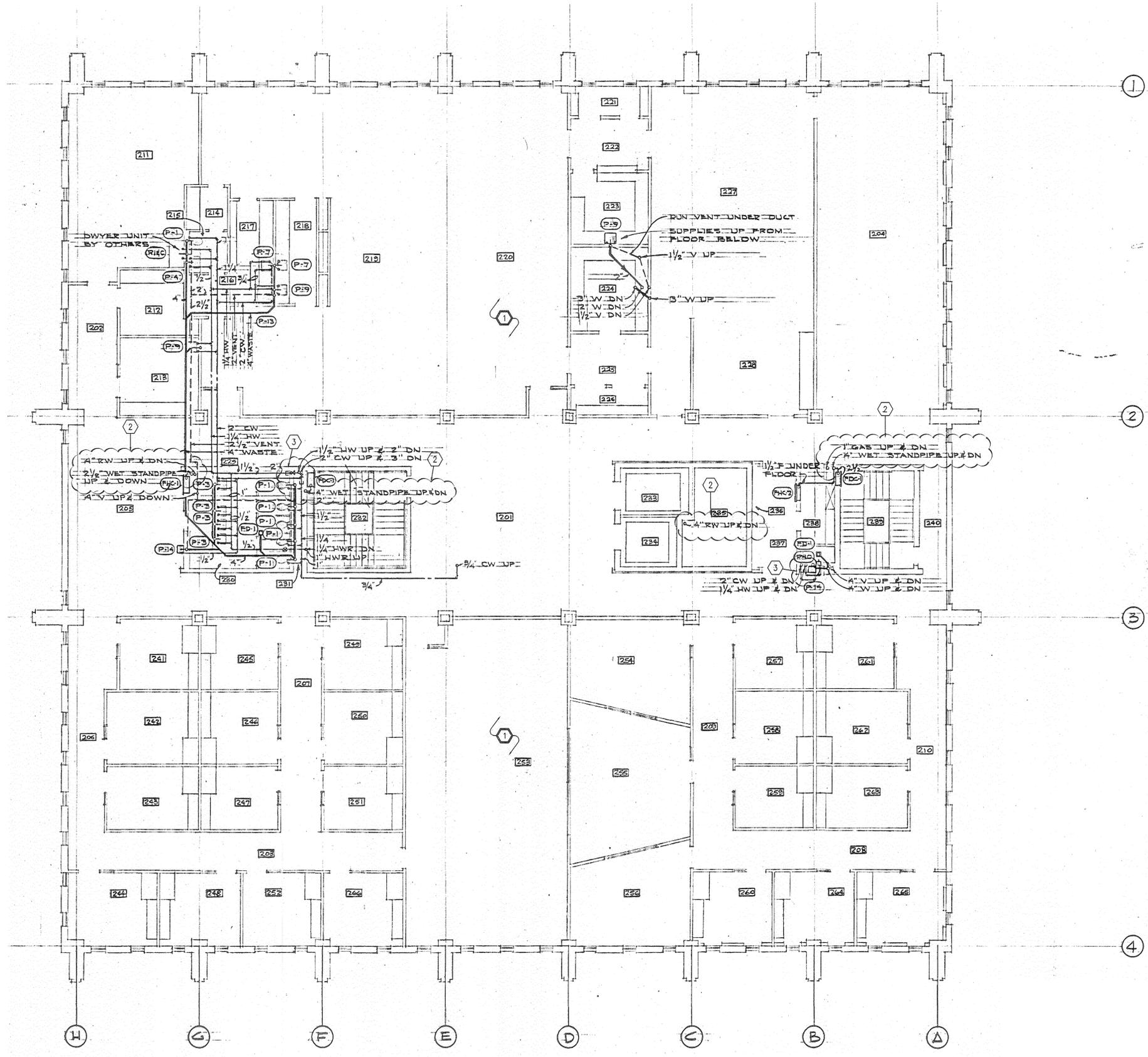
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DFCM PROJECT NO.: 07260750  
GSBS PROJECT NO.: 2008.071  
ISSUED DATE: 10.29.08

SECOND FLOOR PLUMBING PLAN

# KEYED NOTES

1. ALL PLUMBING FIXTURES, SUPPLY PIPING, AND WASTE AND VENT PIPING OUTSIDE OF CLOUD AREA TO BE DEMOLISHED AND REMOVED.
2. PIPING INSIDE OF CLOUDS ARE TO REMAIN.
3. VALVE AND CAP DOMESTIC HOT AND COLD WATER LINES.


- TEMP BARRIER FOR DEMO
- WALLS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)



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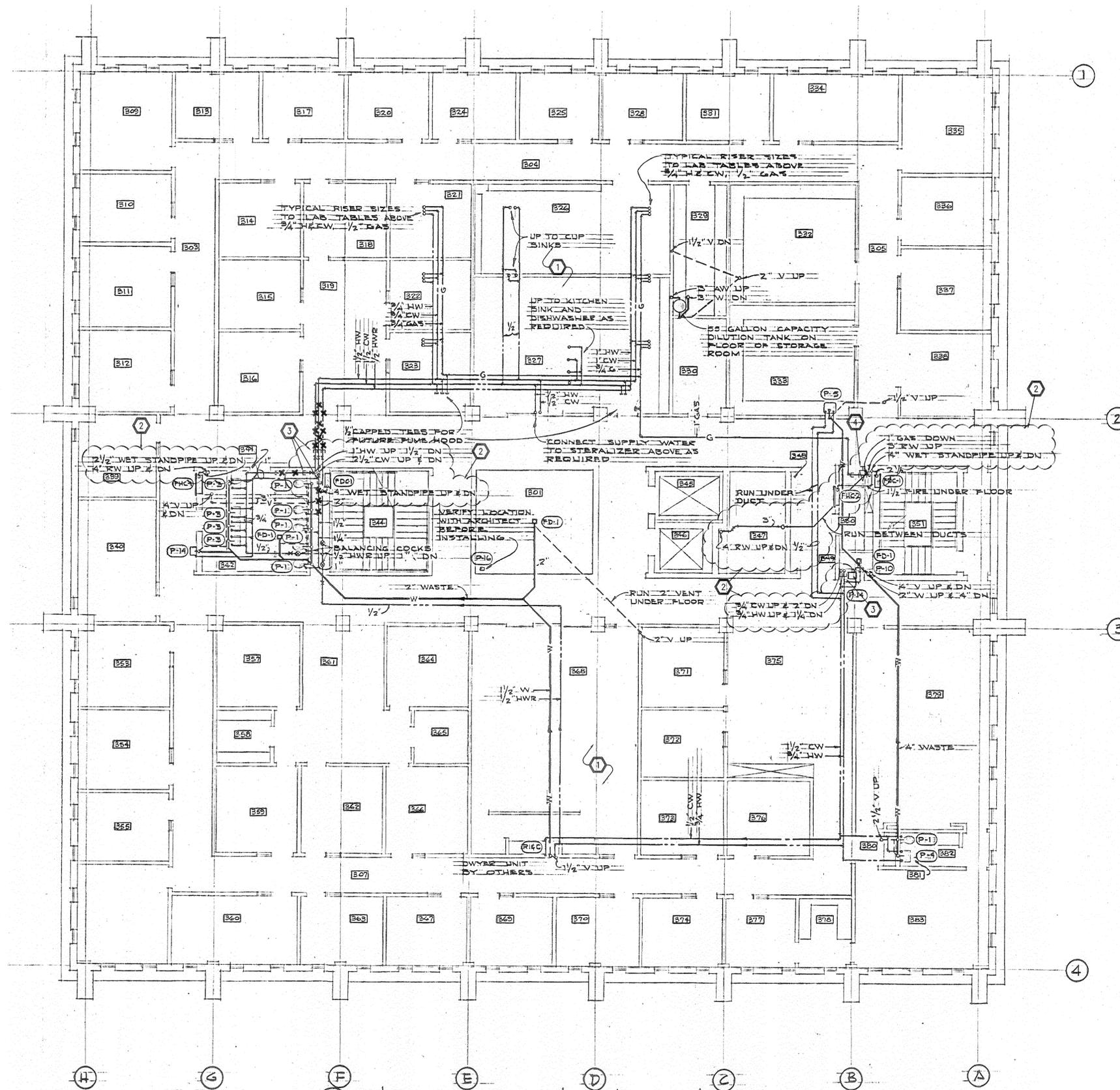
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2008.071  
10.29.08

THIRD FLOOR  
PLUMBING PLAN

1 THIRD FLOOR PLUMBING PLAN  
SCALE: 1/8" = 1'-0"  
0' 8' 16'



- # KEYED NOTES
1. ALL PLUMBING FIXTURES, SUPPLY PIPING, AND WASTE AND VENT PIPING OUTSIDE OF CLOUD AREA TO BE DEMOLISHED AND REMOVED.
  2. PIPING INSIDE OF CLOUDS ARE TO REMAIN.
  3. VALVE AND CAP DOMESTIC HOT AND COLD WATER LINES.
  4. VALVE AND CAP GAS LINE.

GSBS ARCHITECTS

375 WEST 200 SOUTH  
SALT LAKE CITY, UT 84101  
P801.521.8600  
F801.521.7913  
www.gsbsarchitects.com

TEMP BARRIER FOR DEMO

WALLS TO REMAIN

SELECTIVE DEMO

GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)



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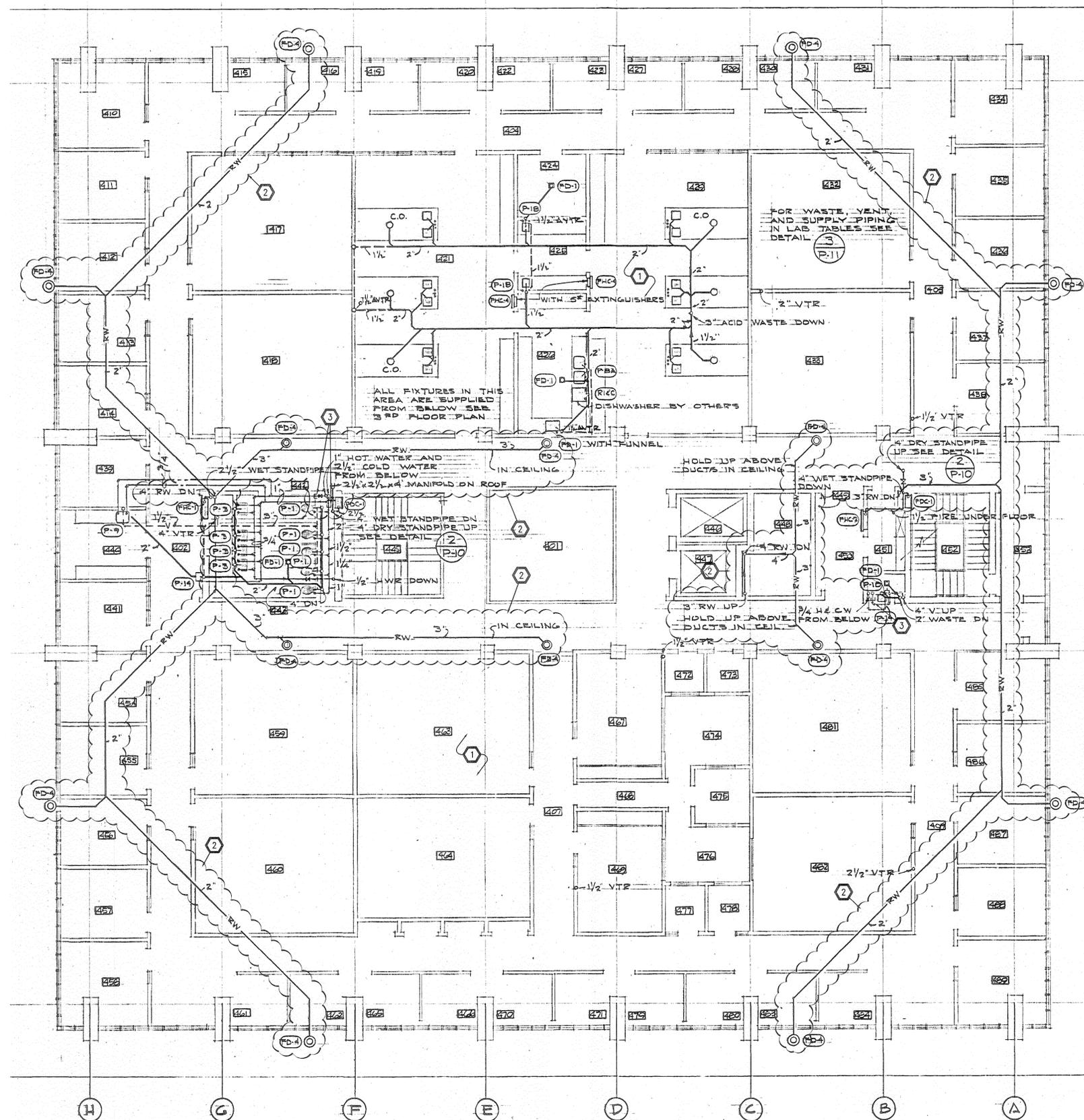
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FOURTH FLOOR  
PLUMBING PLAN

1 FOURTH FLOOR PLUMBING PLAN  
SCALE: 1/8" = 1'-0"  
0' 8' 16'

KEYED NOTES

1. ALL PLUMBING FIXTURES, SUPPLY PIPING, AND WASTE AND VENT PIPING OUTSIDE OF CLOUD AREA TO BE DEMOLISHED AND REMOVED.
2. PIPING INSIDE OF CLOUDS ARE TO REMAIN.
3. VALVE AND CAP DOMESTIC HOT AND COLD WATER LINES.



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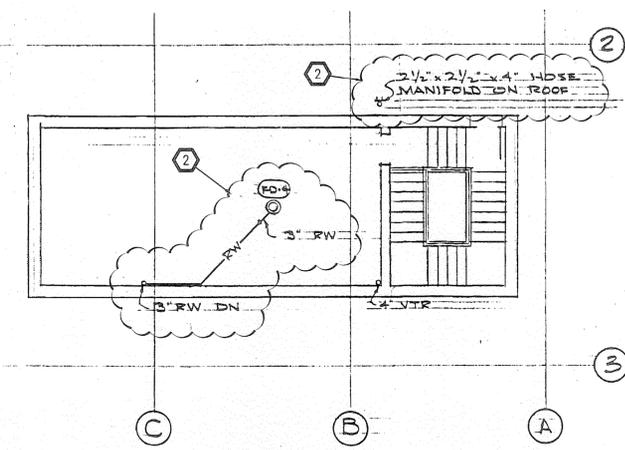
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	TEMP BARRIER FOR DEMO
	WALLS TO REMAIN
	SELECTIVE DEMO
	GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)

- TEMP BARRIER FOR DEMO
- WALLS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)



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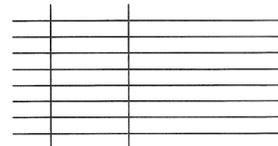
FIFTH FLOOR PLUMBING PLAN

1 FIFTH FLOOR PLUMBING PLAN  
P104 SCALE: 1/8" = 1'-0"  
0' 8' 16'

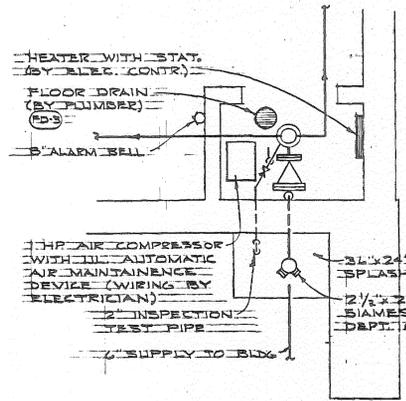


# KEYED NOTES

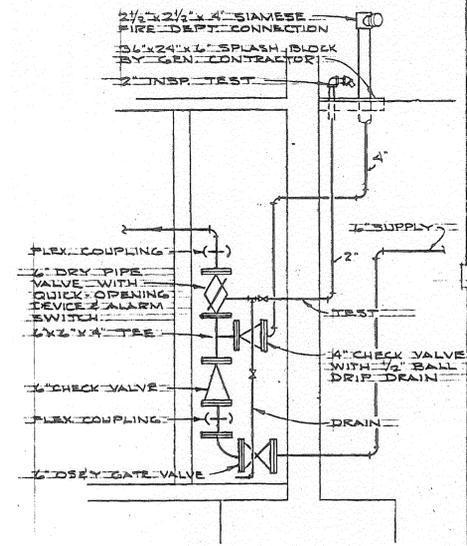
1. FIRE PROTECTION SYSTEM TO REMAIN IN PLACE.



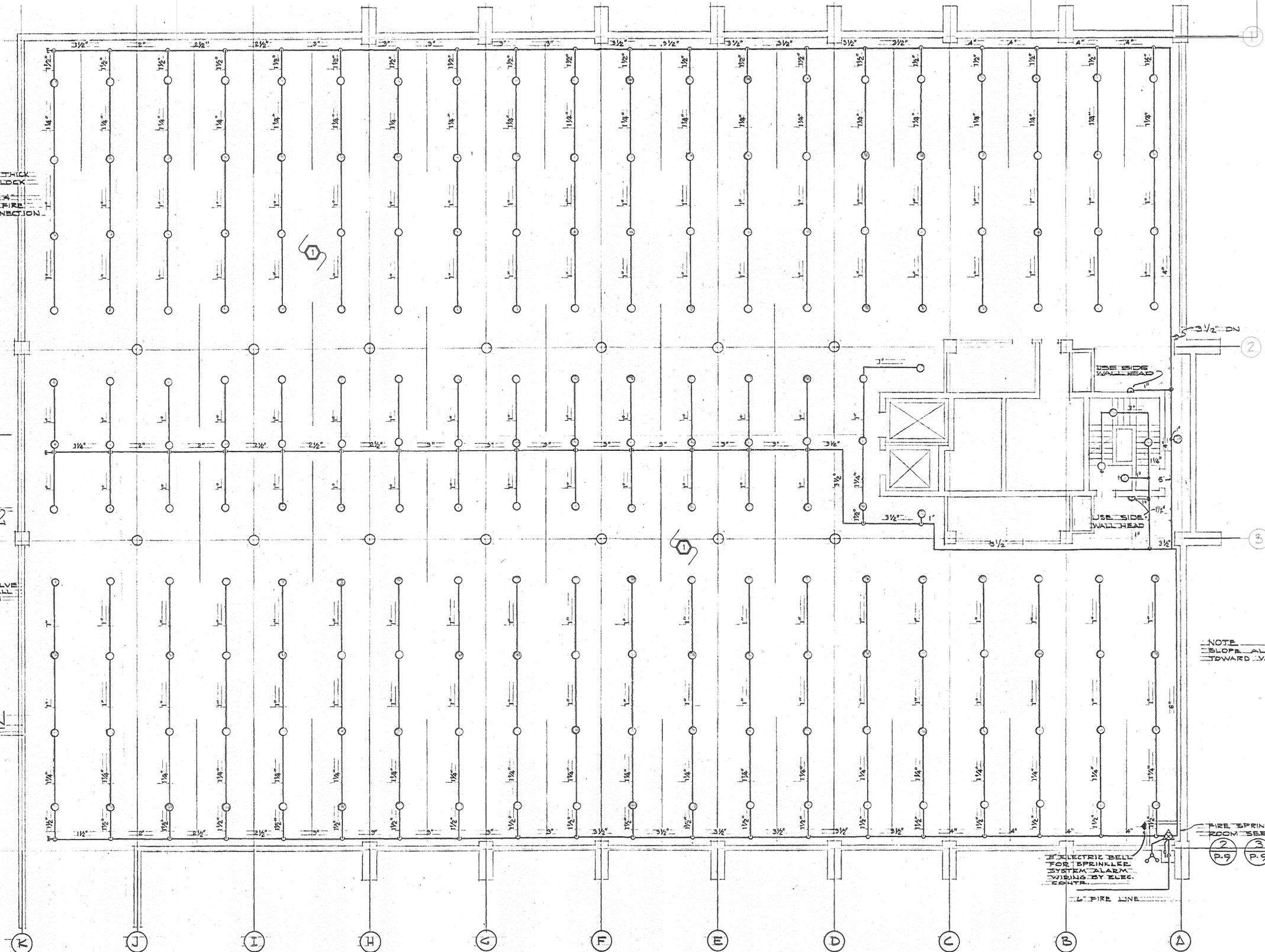
- TEMP BARRIER FOR DEMO
- WALLS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES)



2 VALVE ROOM PLAN  
NO SCALE  
VALVE ROOM BY GEN. CONTRACTOR



3 VALVE ROOM ELEVATION  
NO SCALE



1 BASEMENT FIRE SPRINKLER PLAN  
F101 SCALE: 1/8" = 1'-0"  
0' 8' 16'



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NOTE: SLOPE ALL LINES BACK TOWARD VALVE ROOM SEE DETAILS

FIRE SPRINKLER VALVE ROOM SEE DETAILS  
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BASEMENT FIRE SPRINKLER PLAN

GENERAL SHEET NOTES

1. PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
2. PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE. WHERE EQUIPMENT OR WIRING IS STILL IN USE, IDENTIFY IT AND BRING IT TO THE ATTENTION OF THE ENGINEER.
3. COORDINATE DEMOLITION SEQUENCE WITH THE GENERAL CONTRACTOR AND LEAVE EQUIPMENT OPERATIONAL AS NEEDED FOR TEMPORARY POWER FOR THE DEMOLITION/CONSTRUCTION ACTIVITIES.
4. REMOVE ALL ABANDONED COMMUNICATIONS CABLING. PRIOR TO DEMOLITION MEET WITH OWNER AND IDENTIFY ALL COMMUNICATIONS CABLE TO REMAIN. PROTECT CABLE TO REMAIN DURING DEMOLITION.
5. UNLESS OTHERWISE INDICATED, REMOVE ALL LIGHTING FIXTURES, DEVICES AND EQUIPMENT IN SHADED AREA OR THAT ARE SHOWN DASHED. REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE PANELBOARD OF ORIGINATION. SYSTEMATICALLY CHECK EACH BRANCH PANELBOARD CIRCUIT TO VERIFY EACH THAT CIRCUIT BREAKER NO LONGER HAS ANY ACTIVE LOADS, DISCONNECT THE WIRING AND TURN THE CIRCUIT BREAKER OFF. ANY REMAINING ACTIVE LOADS SHALL BE LABELED AT THE PANELBOARD AS TO WHAT LOAD IS SERVED.
6. REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, REROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
7. REMOVE THE FIRE ALARM DEVICES FROM THE REMOVED WALLS AND CEILINGS, WITH ASSOCIATED CONDUIT AND WIRING. HOWEVER, THE EXISTING FIRE ALARM DEVICES AND SYSTEM SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
8. REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
9. REFER TO MECHANICAL DEMOLITION SHEETS AND PROVIDE ALL ELECTRICAL DEMOLITION WORK NECESSARY FOR THE MECHANICAL DEMOLITION. COORDINATE ALL REQUIRED DEMOLITION WITH THE MECHANICAL DEMOLITION CONTRACTOR.
10. EXISTING SECURITY SYSTEM AND DEVICES SHALL BE MAINTAINED OPERATIONAL THROUGHOUT DEMOLITION AND CONSTRUCTION TO MAINTAIN SECURITY AT BUILDING ENTRANCES AND PERIMETER. COORDINATE ANY SECURITY SYSTEM DISRUPTIONS WITH THE OWNER.
11. CONTRACTOR TO CONFIRM EXISTENCE OF ELECTRICAL ITEMS CONTAINING HAZARDOUS MATERIALS, INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, BALLASTS, LIGHT BULBS AND REFRIGERANT UNITS WITH HAZARDOUS MATERIALS REPORT AND HAZARDOUS MATERIALS CONSULTANT.

REVISIONS:


SHEET KEYNOTES

1. EXISTING PANELBOARDS WITH ASSOCIATED FEEDERS AND BRANCH CIRCUITS TO BE REMOVED ONCE IT IS VERIFIED THAT NO REMAINING ACTIVE LOADS ARE CONNECTED TO PANELBOARDS.
2. EXISTING COMMUNICATIONS RISER CABLE. VERIFY USE PRIOR TO REMOVAL. THEN COMPLETELY REMOVE ALL RISER AND HORIZONTAL CABLING.
3. DISCONNECT AND REMOVE CONDUIT AND WIRING FEEDING ALL MECHANICAL EQUIPMENT ITEMS TO BE REMOVED. COORDINATE WITH DIVISION 15 DEMOLITION WORK.
4. EXISTING 7200 VOLT FEEDERS IN (2) 4" CONDUITS TO REMAIN UNTIL PERMANENT POWER IS AVAILABLE.

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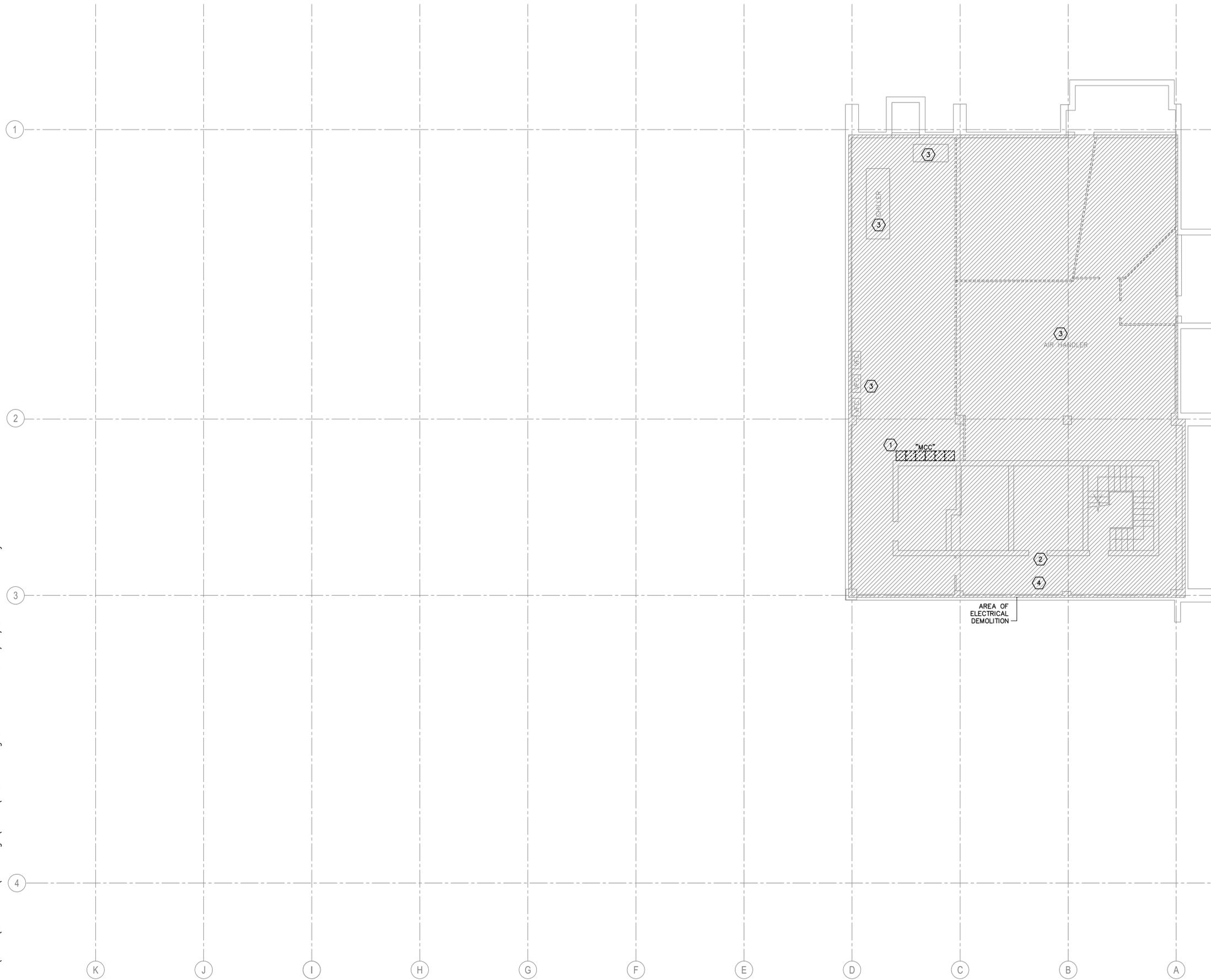
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SUB-BASEMENT  
ELECTRICAL  
DEMOLITION PLAN

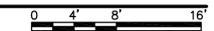
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1 SUB-BASEMENT ELECTRICAL DEMOLITION PLAN

SCALE: 1/8"=1'-0"



REVISIONS:


GENERAL SHEET NOTES

- PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
- PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE. WHERE EQUIPMENT OR WIRING IS STILL IN USE, IDENTIFY IT AND BRING IT TO THE ATTENTION OF THE ENGINEER.
- COORDINATE DEMOLITION SEQUENCE WITH THE GENERAL CONTRACTOR AND LEAVE EQUIPMENT OPERATIONAL AS NEEDED FOR TEMPORARY POWER FOR THE DEMOLITION/CONSTRUCTION ACTIVITIES.
- REMOVE ALL ABANDONED COMMUNICATIONS CABLING. PRIOR TO DEMOLITION MEET WITH OWNER AND IDENTIFY ALL COMMUNICATIONS CABLE TO REMAIN. PROTECT CABLE TO REMAIN DURING DEMOLITION.
- UNLESS OTHERWISE INDICATED, REMOVE ALL LIGHTING FIXTURES, DEVICES AND EQUIPMENT IN SHADED AREA OR THAT ARE SHOWN DASHED. REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE PANELBOARD OF ORIGINATION. SYSTEMATICALLY CHECK EACH BRANCH PANELBOARD CIRCUIT TO VERIFY EACH THAT CIRCUIT BREAKER NO LONGER HAS ANY ACTIVE LOADS, DISCONNECT THE WIRING AND TURN THE CIRCUIT BREAKER OFF. ANY REMAINING ACTIVE LOADS SHALL BE LABELED AT THE PANELBOARD AS TO WHAT LOAD IS SERVED.
- REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, REROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- REMOVE THE FIRE ALARM DEVICES FROM THE REMOVED WALLS AND CEILINGS, WITH ASSOCIATED CONDUIT AND WIRING. HOWEVER, THE EXISTING FIRE ALARM DEVICES AND SYSTEM SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
- REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
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SHEET KEYNOTES

- EXISTING PANELBOARDS WITH ASSOCIATED FEEDERS AND BRANCH CIRCUITS TO BE REMOVED ONCE IT IS VERIFIED THAT NO REMAINING ACTIVE LOADS ARE CONNECTED TO PANELBOARDS.
- EXISTING COMMUNICATIONS RISER CABLE. VERIFY USE PRIOR TO REMOVAL. THEN COMPLETELY REMOVE ALL RISER AND HORIZONTAL CABLING.
- DISCONNECT AND REMOVE CONDUIT AND WIRING FEEDING ALL MECHANICAL EQUIPMENT ITEMS TO BE REMOVED. COORDINATE WITH DIVISION 15 DEMOLITION WORK.
- EXISTING 7200V TRANSFORMER AND SWITCH TO REMAIN AS LONG AS BUILDING NEEDS TEMPORARY POWER. ONCE PERMANENT POWER IS AVAILABLE THEN REMOVE TRANSFORMER, SWITCH AND ALL ASSOCIATED CABLING BACK TO MANHOLE #40 SOUTHWEST OF BUILDING.
- EXISTING MAIN PANEL TO REMAIN AS LONG AS BUILDING NEEDS TEMPORARY POWER. ONCE PERMANENT POWER IS AVAILABLE THEN REMOVE MAIN PANEL WITH ASSOCIATED WIRING AND CONDUIT.
- EXISTING CARD ACCESS (I-STAR) PANEL TO REMAIN IN SERVICE. PROTECT FROM DEMOLITION ACTIVITIES.

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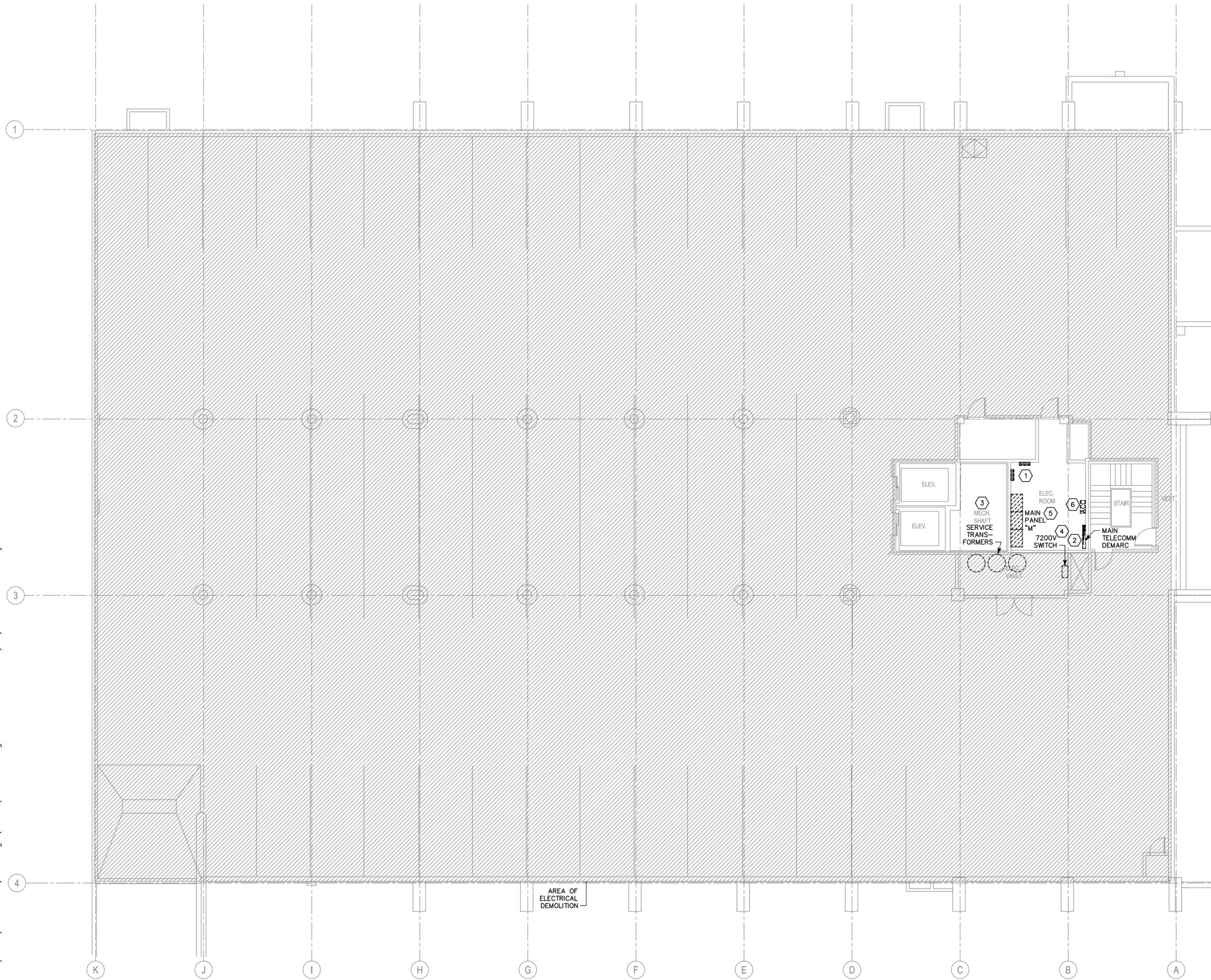
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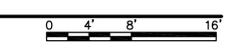
BASEMENT  
ELECTRICAL  
DEMOLITION PLAN

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**1 BASEMENT ELECTRICAL DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



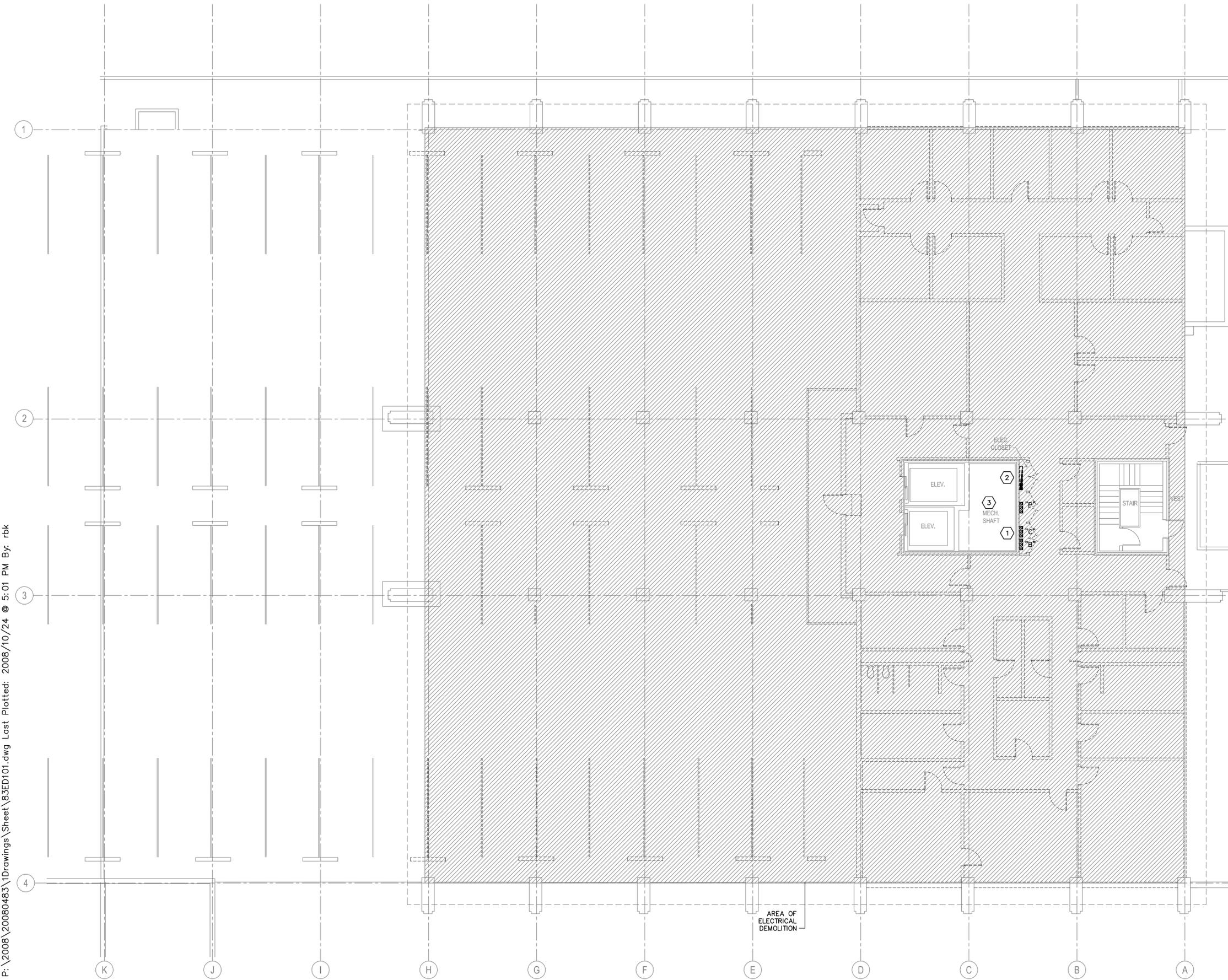
REVISIONS:


**GENERAL SHEET NOTES**

1. PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
2. PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE. WHERE EQUIPMENT OR WIRING IS STILL IN USE, IDENTIFY IT AND BRING IT TO THE ATTENTION OF THE ENGINEER.
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10. EXISTING SECURITY SYSTEM AND DEVICES SHALL BE MAINTAINED OPERATIONAL THROUGHOUT DEMOLITION AND CONSTRUCTION TO MAINTAIN SECURITY AT BUILDING ENTRANCES AND PERIMETER. COORDINATE ANY SECURITY SYSTEM DISRUPTIONS WITH THE OWNER.
11. CONTRACTOR TO CONFIRM EXISTENCE OF ELECTRICAL ITEMS CONTAINING HAZARDOUS MATERIALS, INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, BALLASTS, LIGHT BULBS AND REFRIGERANT UNITS WITH HAZARDOUS MATERIALS REPORT AND HAZARDOUS MATERIALS CONSULTANT.

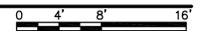
**SHEET KEYNOTES**

1. EXISTING PANELBOARDS WITH ASSOCIATED FEEDERS AND BRANCH CIRCUITS TO BE REMOVED ONCE IT IS VERIFIED THAT NO REMAINING ACTIVE LOADS ARE CONNECTED TO PANELBOARDS.
2. EXISTING COMMUNICATIONS RISER CABLE. VERIFY USE PRIOR TO REMOVAL. THEN COMPLETELY REMOVE ALL RISER AND HORIZONTAL CABLING.
3. DISCONNECT AND REMOVE CONDUIT AND WIRING FEEDING ALL MECHANICAL EQUIPMENT ITEMS TO BE REMOVED. COORDINATE WITH DIVISION 15 DEMOLITION WORK.



**1 LEVEL 1 ELECTRICAL DEMOLITION PLAN**

SCALE: 1/8"=1'-0"



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LEVEL 1 ELECTRICAL  
DEMOLITION PLAN

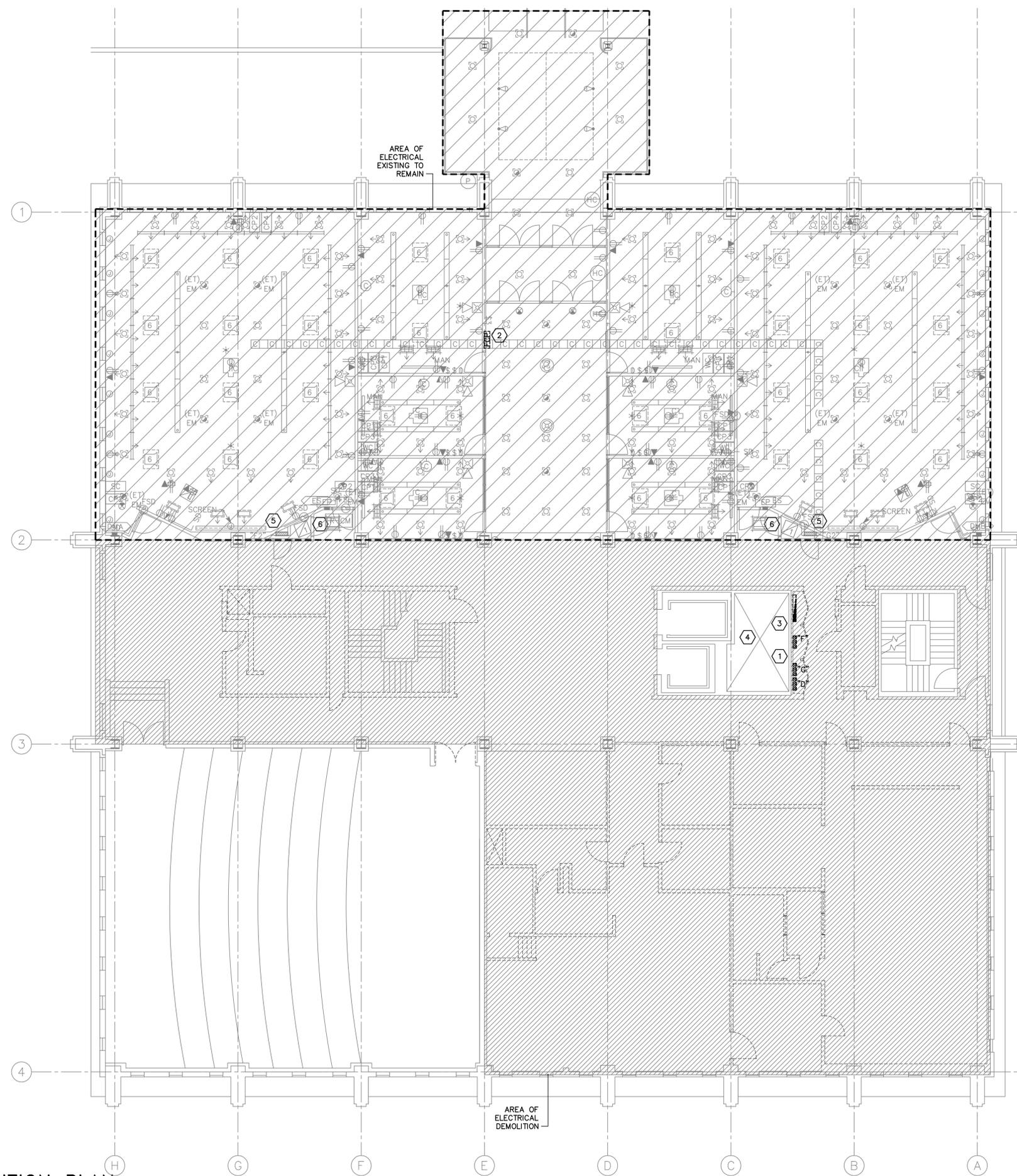
REVISIONS:


**GENERAL SHEET NOTES**

1. PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
2. PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE. WHERE EQUIPMENT OR WIRING IS STILL IN USE, IDENTIFY IT AND BRING IT TO THE ATTENTION OF THE ENGINEER.
3. COORDINATE DEMOLITION SEQUENCE WITH THE GENERAL CONTRACTOR AND LEAVE EQUIPMENT OPERATIONAL AS NEEDED FOR TEMPORARY POWER FOR THE DEMOLITION/CONSTRUCTION ACTIVITIES.
4. REMOVE ALL ABANDONED COMMUNICATIONS CABLING. PRIOR TO DEMOLITION MEET WITH OWNER AND IDENTIFY ALL COMMUNICATIONS CABLE TO REMAIN. PROTECT CABLE TO REMAIN DURING DEMOLITION.
5. UNLESS OTHERWISE INDICATED, REMOVE ALL LIGHTING FIXTURES, DEVICES AND EQUIPMENT IN SHADED AREA OR THAT ARE SHOWN DASHED. REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE PANELBOARD OF ORIGINATION. SYSTEMATICALLY CHECK EACH BRANCH PANELBOARD CIRCUIT TO VERIFY EACH THAT CIRCUIT BREAKER NO LONGER HAS ANY ACTIVE LOADS, DISCONNECT THE WIRING AND TURN THE CIRCUIT BREAKER OFF. ANY REMAINING ACTIVE LOADS SHALL BE LABELED AT THE PANELBOARD AS TO WHAT LOAD IS SERVED.
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**SHEET KEYNOTES**

1. EXISTING PANELBOARDS WITH ASSOCIATED FEEDERS AND BRANCH CIRCUITS TO BE REMOVED ONCE IT IS VERIFIED THAT NO REMAINING ACTIVE LOADS ARE CONNECTED TO PANELBOARDS.
2. EXISTING FIRE ALARM PANEL TO REMAIN IN OPERATION DURING CONSTRUCTION.
3. EXISTING COMMUNICATIONS RISER CABLE. VERIFY USE PRIOR TO REMOVAL THEN COMPLETELY REMOVE ALL RISER AND HORIZONTAL CABLING.
4. DISCONNECT AND REMOVE CONDUIT AND WIRING FEEDING ALL MECHANICAL EQUIPMENT ITEMS TO BE REMOVED. COORDINATE WITH DIVISION 15 DEMOLITION WORK.
5. EXISTING BRANCH PANEL BOARDS TO REMAIN WITH ALL ASSOCIATED BRANCH CIRCUITS. PANEL WILL BE RE-FED FROM NEW SERVICE AND DISTRIBUTION.
6. EXISTING AV CABINET TO REMAIN WITH ALL ASSOCIATED CABLING AND CONNECTIONS. PROTECT FROM DUST AND DEMOLITION ACTIVITIES.



**1 LEVEL 2 ELECTRICAL DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"

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CHECKED BY: DEW  
DFCM PROJECT NO.: 07260750  
GSBS PROJECT NO.: 2008.071  
ISSUED DATE: 10.29.08

LEVEL 2 ELECTRICAL  
DEMOLITION PLAN

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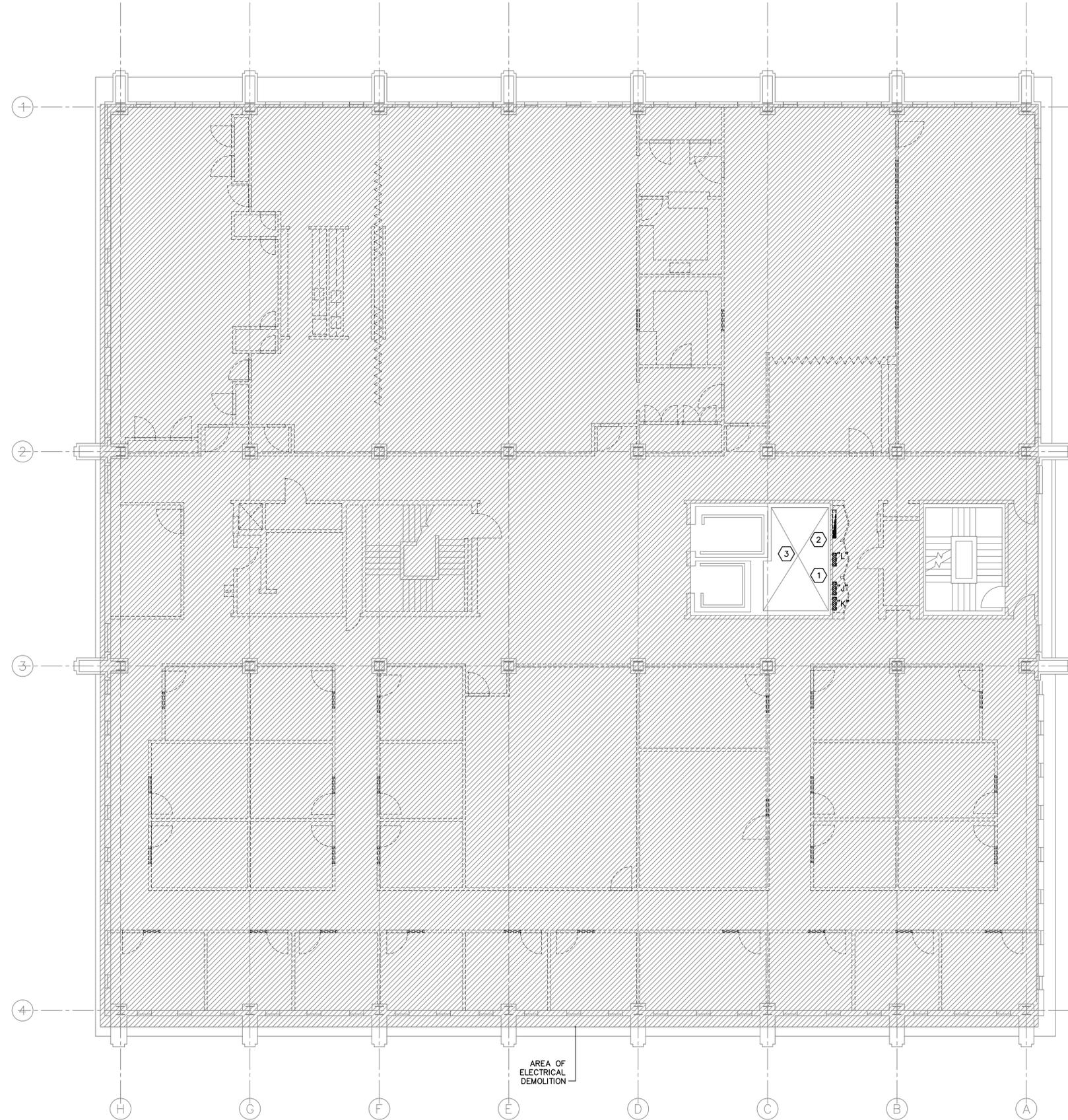
GENERAL SHEET NOTES

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REVISIONS:

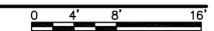

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1 LEVEL 3 ELECTRICAL DEMOLITION PLAN

SCALE: 1/8"=1'-0"



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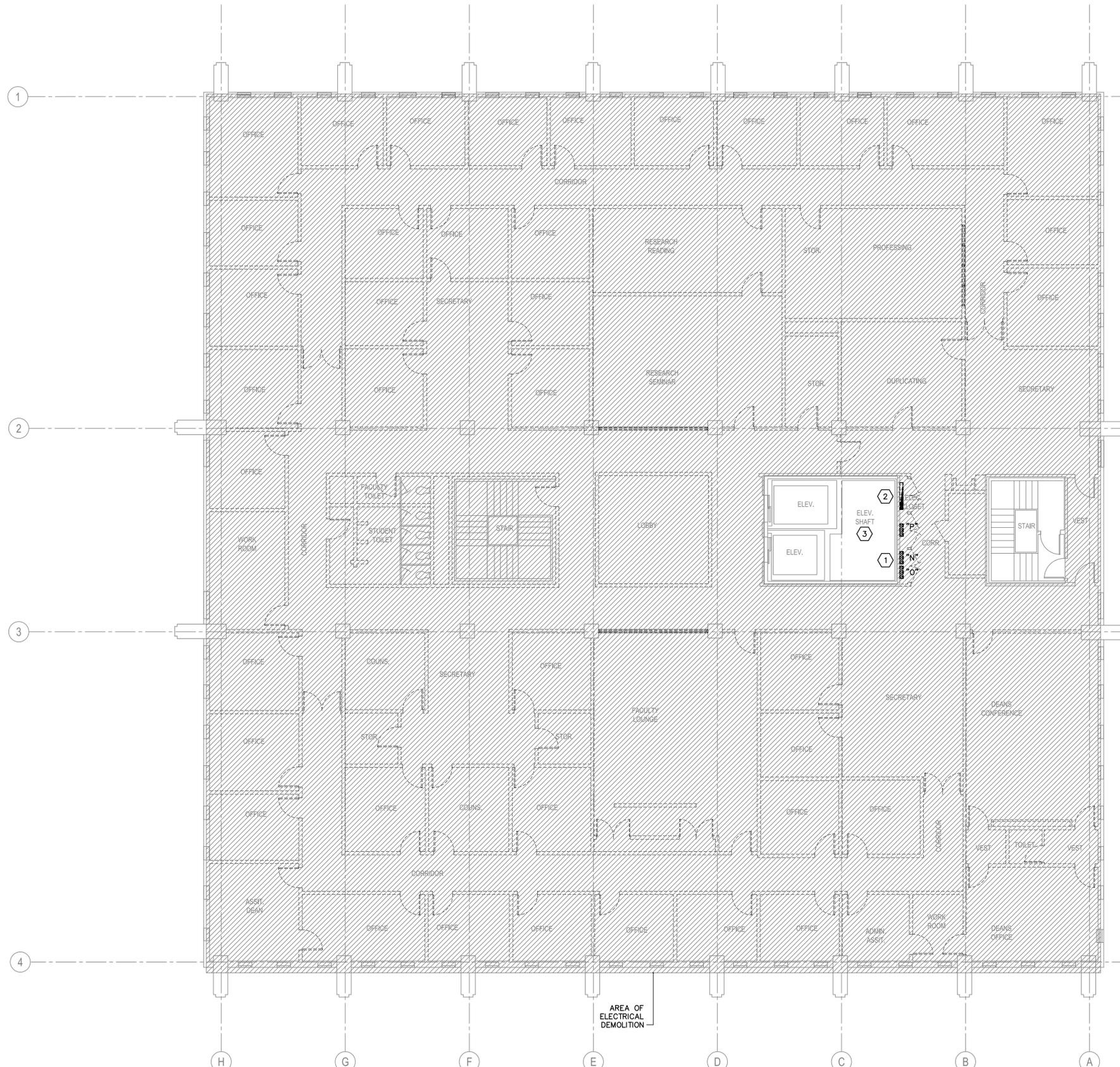
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DFCM PROJECT NO.: 07260750  
GSBS PROJECT NO.: 2008.071  
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LEVEL 3 ELECTRICAL  
DEMOLITION PLAN

GENERAL SHEET NOTES

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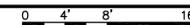
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GSBS PROJECT NO.: 2008.071  
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LEVEL 4 ELECTRICAL  
DEMOLITION PLAN

1 LEVEL 4 ELECTRICAL DEMOLITION PLAN

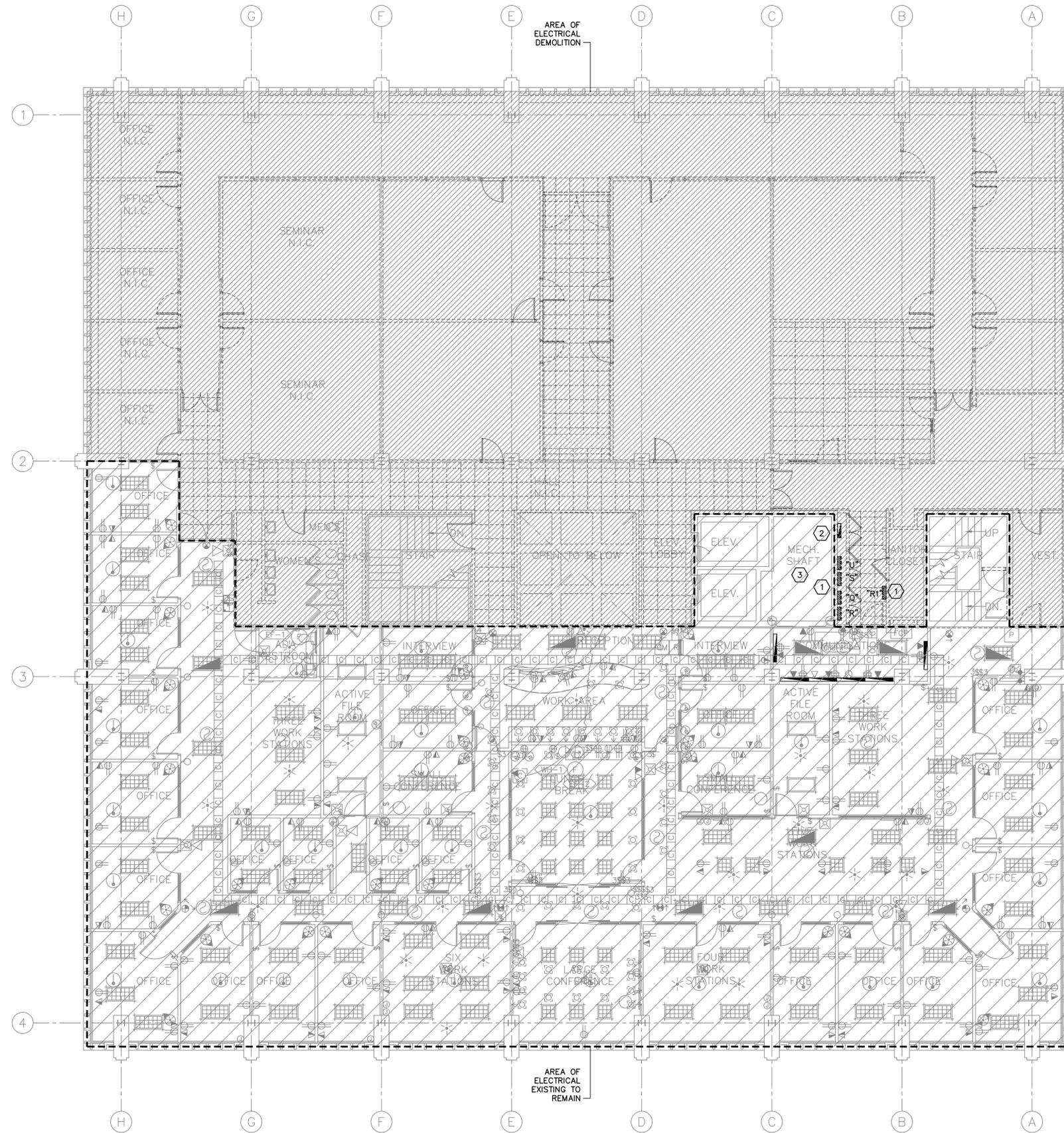
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DFCM PROJECT NO.: 07260750  
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ISSUED DATE: 10.29.08

LEVEL 5 ELECTRICAL  
DEMOLITION PLAN

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**1** LEVEL 5 ELECTRICAL DEMOLITION PLAN  
SCALE: 1/8"=1'-0"

